

U.S. Alcohol Epidemiologic  
Data Reference Manual  
Volume 1, 3rd Edition

**U.S. APPARENT CONSUMPTION  
OF ALCOHOLIC BEVERAGES  
BASED ON STATE SALES,  
TAXATION, OR RECEIPT DATA**

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## FOREWORD

This Alcohol Epidemiologic Data Reference Manual (AEDRM) is part of a series of manuals that provide extensive data and other information useful to researchers, health care planners, and others interested in alcohol abuse, associated illnesses, and alcohol-related mortality. It is hoped that these documents, prepared for the National Institute on Alcohol Abuse and Alcoholism (NIAAA), will serve as a useful reference for both researchers and others interested in the alcoholism field.

This manual is the third edition of Volume 1 of the AEDRM series, and provides an extensive compilation of U.S. alcohol consumption data on a national, State, and regional level. The data presented in this manual are for all alcoholic beverages sold in the United States, namely beer, wine, and spirits. The data are based either on information reported directly to AEDES by individual States and the District of Columbia or on shipments data provided by the alcoholic beverage industry. For various reasons noted in the report, the data should be viewed as approximations, or estimates, of alcohol consumption.

Other volumes of the AEDRM series include information on liver cirrhosis mortality, county alcohol problem indicators, hospital discharges with alcohol-related conditions, and State trends in alcohol-related mortality.

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## INTRODUCTION

This Alcohol Epidemiologic Data Reference manual (AEDRM) deals with alcohol consumption as measured by State-reported sales, tax receipt data, or beverage industry data representing shipments of alcoholic beverages to a State or within a State. The present manual supersedes any previous AEDRMs on per capita alcohol consumption, including any National Institute on Alcohol Abuse and Alcoholism (NIAAA) annual surveillance report presenting data on per capita alcohol consumption prior to 1995. We hope that this information on apparent per capita alcohol consumption is of value to State alcohol authorities, planners, health care providers, and researchers interested in the alcohol field. The data should be considered only as an approximation of consumption at a national, State, or regional level.

In this manual, data reported directly to the Alcohol Epidemiologic Data System (AEDS) by alcohol beverage control boards or other State agencies are used whenever possible, because such sales data are closest to actual consumption. AEDS uses an estimate of average ethanol content to convert the gallons of sold or shipped beer, wine, and spirits into gallons of ethanol (pure alcohol). The conversion coefficients (or proportion of pure alcohol for each beverage type) are 0.045 for beer, 0.129 for wine, and 0.411 for spirits (Doernberg and Stinson, 1985). Beer may include both strong beer (greater than 3.2% alcohol), ale, malt liquor, and similar types of beverages, depending on State law and reporting practices. Wine may include such beverages as vermouth, champagne, sparkling wine, cider, etc., and may or may not be broken down in the State or beverage industry reports. The category of distilled spirits is the broadest of the beverage categories and includes everything from whiskey, scotch, gin, cordials, and liqueurs to premixed cocktails, again depending on legislation within each individual State.

State information is presented in volume of beverage and volume of ethanol in thousands of gallons, per capita consumption in gallons, and in deciles based on population age 14 and older.

Throughout this manual, the following conversion factors have been used during the indicated years to convert volume of beverage sold or shipped to volume of ethanol:

Beer	(1850–1919)	5.0%
	(1934–1994)	4.5%
Wine	(1850–1951)	18.0%
	(1952–1968)	17.0%
	(1969–1971)	16.0%
	(1972–1976)	14.5%
	(1977–1994)	12.9%
Spirits	(1850–1971)	45.0%
	(1972–1976)	43.0%
	(1977–1994)	41.1%

Because these percentages may differ from factors published by beverage industry sources, the user of this manual should be cautious in making comparisons between data reported here and similar types of data reported in other sources. Generally, the per capita consumption estimates presented in this manual tend to be conservative because denominator data are based on persons age 14 and older and a combination of alcoholic beverage shipments data and State sales or tax receipt data are used. It is also important to note that all of the per capita estimates in this manual are based on gallons of ethanol, allowing comparisons across beverage types.

The first chapter of this manual presents national, regional, and State data on apparent per capita alcohol consumption in various tables and figures. These tables and figures are described in more detail in the beginning of Chapter 1.

The second chapter presents State, regional, and national data in both tabular and graphic form. The table presents each beverage type, including beverage volume, ethanol volume, decile ranks, and per capita consumption and total absolute alcohol and per capita consumption. Per capita consumption also is plotted on a graph for each beverage type and for total per capita consumption. See the beginning of Chapter 2 for a further description of this table and accompanying figures.

There are two appendices in this manual; they are described as follows:

- 1) Appendix A—Additional Tables to Assist Further Research
- 2) Appendix B—Data Sources and Limitations

Appendix A presents State, regional, and national population estimates (in 1,000s) for the populations 14 years and older and 21 years and older. These population estimates are presented to make denominator data available and to assist researchers in making consumption estimates for populations 21 and older, if they desire. Per capita consumption figures for populations age 21 years and older are not presented in this manual.

Appendix B describes the differences in calculation procedures and other limitations to consider when using the consumption data presented in this manual. These limitations range from differences in State reporting practices, to time-delay factors, to the effects of tourism, business travel, and migration, and should be considered when interpreting alcohol consumption trends.

AEDS used sales or tax receipt data obtained from individual States to calculate consumption figures. Some States reported their sales or tax receipt data only on a fiscal year basis. However, State data were used only when reported on a calendar year basis. Data not available from the State sources were obtained from industry sources such as the United States Brewers Association, Inc., the Distilled Spirits Council of the United States, the Wine Institute, Jobson Publications, Inc., Steve Barsby & Associates, and M. Shanken Communications, Inc.



## DEFINITIONS OF TERMS USED IN THIS MANUAL

**APPARENT CONSUMPTION**—Alcoholic beverage consumption derived from official reports of States, tax-paid withdrawal records, or reports of shipments data by the beverage industry. The word *apparent* is pertinent because the estimates are based on reports on the volume of alcoholic beverages released to the market for sale and not on reports of individuals concerning their alcohol consumption.

**DECILE**—Ranks the States and the District of Columbia into 10 groups based on high-to-low distribution of total per capita ethanol consumption. Placement in the first decile indicates that the State ranks among the top 10 percent of States in total per capita ethanol consumption. Placement in the second decile indicates the top 20 percent, and so on.

**DRINKING-AGE POPULATION**—For purposes of this report and most previous NIAAA reports on per capita consumption, the U.S. population that is 14 years and older. Age 14 is not the legal age for drinking, but there is evidence that many 14-year-olds drink alcoholic beverages (AEDS, 1990).

**ETHANOL**—The volume of pure ethyl alcohol consumed, whether from beer, wine, or spirits. This term is used synonymously with absolute alcohol.

**PER CAPITA CONSUMPTION RATES**—Per capita consumption rates are expressed as quantity, in gallons, per person for a specific age group. In this manual, per capita figures are expressed in quantity of gallons of ethanol per person 14 years and older.

**PROOF**—Standard strength or alcohol content of spirits. Relates to proof gallons on which Federal excise taxes of spirits are based. For example, 200 proof is equivalent to 100 percent ethanol; 80 proof is equivalent to 40 percent ethanol by volume, and so forth. Ethanol in beer and wine usually is reported as percentage alcohol.

**REGION**—Regional data presented in this manual correspond to the U.S. Census Bureau definitions. The following are the regions and the States they comprise:

- Northeast—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont;
- Midwest—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin;
- South—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia;
- West—Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

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# CHAPTER 1

## NATIONAL AND STATE TREND DATA

### Introduction

This first chapter of the manual contains data tables and figures that permit the reader to make comparisons between the States or regions of the United States and the country as a whole. For the most part, coverage of the manual is limited to the years 1970 through 1994, because those years represent the most reliable source of State-reported data available to AEDS. However, there is a table that reports data from 1850 through 1994 (excluding, of course, the Prohibition Period).

This manual reports a series of consumption estimates based on a drinking age population of 14 years and older. This age is used, even though it is lower than any of the States' minimum drinking ages, because it more accurately reflects age at first drink (as reported in national surveys), and reflects access to alcohol by teenagers. The reader should note that although the per capita alcohol consumption estimates presented in this document are based on a population 14 years of age and older for years 1970 through 1994, population figures for persons age 21 and older also are presented (Table A-2) to permit comparisons.

The reader is urged to keep in mind the limitations of the data as presented in this chapter and the second chapter of the manual (see also Appendix B). The conversion factors listed in the introduction to the manual apply to the conversion from gallons sold or shipped to gallons of ethanol for tables and figures. A brief description of the tables and figures as they are presented follows.

Figure 1

Figure 1 presents an area graph of per capita ethanol consumption in the United States for all alcoholic beverages combined for the years 1935 through 1994.

Table 1

This table presents national-level per capita ethanol consumption data for specified drinking age populations. The data for the years 1850 through 1969 are based on a drinking age of 15 years and older, while the data for years 1970 through 1994 are based on a drinking age of 14 years and older. Different conversions to absolute alcohol were used within the beverage types prior to 1977.

A further caution is necessary in the use of Table 1. These data were generated from various beverage industry sources for the period through 1978 and therefore will vary from State-reported consumption data. The reader is urged not to attempt to compare data presented in this table for the period from 1970 through 1978 with data for the same years in other tables in this manual. The per capita data for

ethanol for the period 1979 through 1994 will be identical to later tables because this table has been revised with the same mix of data used to produce those tables.

The main purpose of this table is to allow the reader to study both long-term and short-term national trends in the consumption of beverages that comprise the three major types reported in this manual. The total per capita consumption is presented to show small but steady changes in overall drinking levels.

A major, but necessary, omission in this table is any attempt to present data for the Prohibition Period (1920–1933). Because the U.S. Constitution mandated a prohibition on the manufacture, sale, and consumption of alcoholic beverages, any consumption that did exist was illegal and therefore not recorded.

Another major issue that affects the reporting of consumption data over time is taxation. It is not within the scope of this manual to try to correlate levels of drinking to the prevailing Federal, State, and local tax rates imposed on those beverages. It is suggested that readers who wish to study the issue of taxation of alcoholic beverages contact organizations such as the Distilled Spirits Council of the United States.

Figure 2

This figure is a graphic representation of data appearing in Table 1 for the years 1970 through 1994. It depicts U.S. per capita consumption by beverage type and total consumption for the specified years.

Figure 3

Figure 3 shows the percent change in per capita beer, wine, spirits, and overall consumption for each year (1971–1994) relative to its 1970 value.

Table 2

State (including the District of Columbia), regional, and overall apparent per capita ethanol consumption data are shown for 1970 through 1994. This table presents per capita consumption separately for beer, wine, spirits, and all beverages. This table also lists the lowest and the highest per capita consumption values for beer, wine, spirits, and all beverages in each State, region, and the United States throughout this 25-year period. The actual volume of beer, wine, and spirits sold or shipped into or within each State is converted into gallons of ethanol by multiplying by the appropriate factor. These ethanol figures are then divided by the corresponding population estimates presented in Table A-1 to derive the per capita ethanol consumption figures.

Figure 4–5

Figure 4 includes graphic representations of State-by-State per capita consumption of beer. The top map depicts data for 1970 and the bottom depicts data for 1994. The map in Figure 5 shows percentage change between 1970 and 1994 in per capita beer consumption for each State and the District of Columbia. Together these figures show how certain States have increased or decreased in their levels of per capita beer consumption. Figures 4–11 all include the District of Columbia.

Figure 6–7

Statewide per capita consumption of wine for 1970 and 1994 and the percent change between these 2 years are shown in a graphic format identical to that used in Figures 4 and 5.

Figure 8–9

Statewide per capita consumption of spirits for 1970 and 1994 and the percent change between these 2 years are shown in a graphic format identical to that used in Figures 4 and 5.

Figure 10–11

Statewide per capita consumption of all alcoholic beverages for 1970 and 1994 and the percent change between these 2 years are shown in a graphic format identical to that used in Figures 4 and 5.

Figure 12–15

Figures 12–15 present regional trends in per capita ethanol consumption of beer, wine, spirits, and all beverages (in that order) from 1970 through 1994. One advantage in using census regions as the unit of analysis is that the per capita consumption data can be compared with other Census Bureau data and with national surveys grouped by region.

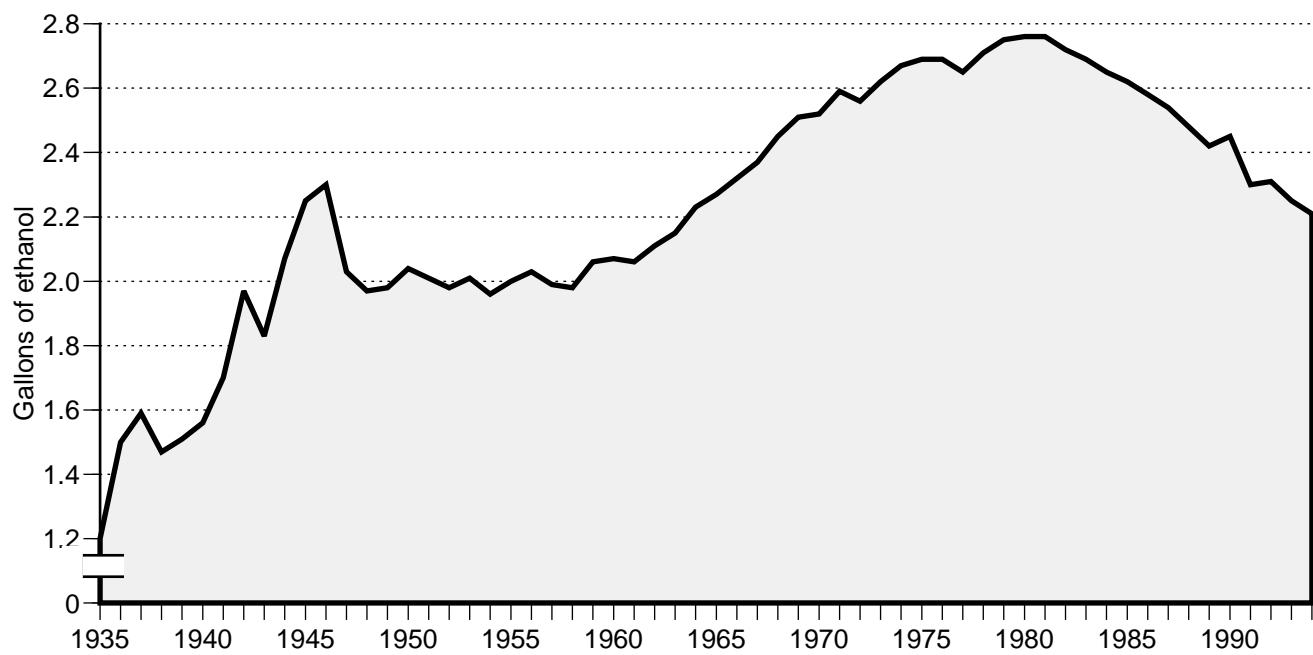
Table 3

This table displays volume, ethanol, and per capita consumption estimates on a statewide, regional, and national level for a 25-year period, from 1970 through 1994. This table allows the reader to compare per capita consumption of beer, wine, spirits, and all beverages from year to year, both for the same geographic region and between different geographic regions.

## Summary

These tables and figures provide the reader with an overview of State and national consumption trends and patterns. Use of these data by researchers, planners, and other professionals interested in the field of alcohol abuse and alcoholism is encouraged, with the understanding that certain limitations exist (as detailed in Appendix B).

**Figure 1.** Total per capita ethanol consumption, United States, 1935–94.



**Table 1.** Apparent per capita ethanol consumption for United States, 1850–1994.

Year	Beer	Wine	Spirits	All beverages
1994 .....	1.26	0.29	0.66	2.21
1993 .....	1.28	0.29	0.68	2.25
1992 .....	1.29	0.30	0.71	2.31
1991 .....	1.29	0.30	0.71	2.30
1990 .....	1.34	0.33	0.78	2.45
1989 .....	1.31	0.34	0.77	2.42
1988 .....	1.33	0.36	0.79	2.48
1987 .....	1.34	0.38	0.82	2.54
1986 .....	1.34	0.39	0.84	2.58
1985 .....	1.33	0.38	0.90	2.62
1984 .....	1.35	0.37	0.94	2.65
1983 .....	1.37	0.36	0.96	2.69
1982 .....	1.38	0.36	0.98	2.72
1981 .....	1.39	0.35	1.02	2.76
1980 .....	1.38	0.34	1.04	2.76
1979 .....	1.37	0.32	1.06	2.75
1978 .....	1.32	0.31	1.07	2.71
1977 .....	1.29	0.29	1.06	2.65
1976 .....	1.27	0.32	1.10	2.69
1975 .....	1.26	0.32	1.11	2.70
1974 .....	1.25	0.31	1.11	2.67
1973 .....	1.20	0.31	1.10	2.62
1972 .....	1.17	0.30	1.09	2.56
1971 .....	1.15	0.31	1.12	2.59
1970 .....	1.14	0.27	1.11	2.52
1969 .....	1.12	0.26	1.13	2.51
1968 .....	1.09	0.26	1.10	2.45
1967 .....	1.07	0.25	1.05	2.37
1966 .....	1.06	0.24	1.02	2.32
1965 .....	1.04	0.24	0.99	2.27
1964 .....	1.04	0.24	0.95	2.23
1963 .....	1.01	0.23	0.91	2.15
1962 .....	0.99	0.22	0.90	2.11
1961 .....	0.97	0.23	0.86	2.06
1960 .....	0.99	0.22	0.86	2.07
1959 .....	1.00	0.22	0.84	2.06
1958 .....	0.96	0.22	0.80	1.98
1957 .....	0.97	0.22	0.80	1.99
1956 .....	1.00	0.22	0.81	2.03
1955 .....	1.01	0.22	0.77	2.00
1954 .....	1.01	0.21	0.74	1.96
1953 .....	1.04	0.20	0.77	2.01
1952 .....	1.04	0.21	0.73	1.98
1951 .....	1.03	0.20	0.78	2.01
1950 .....	1.04	0.23	0.77	2.04
1949 .....	1.06	0.22	0.70	1.98
1948 .....	1.07	0.20	0.70	1.97
1947 .....	1.11	0.16	0.76	2.03
1946 .....	1.07	0.24	0.99	2.30
1945 .....	1.17	0.20	0.88	2.25
1944 .....	1.13	0.18	0.76	2.07
1943 .....	1.00	0.17	0.66	1.83
1942 .....	0.90	0.22	0.85	1.97
1941 .....	0.81	0.18	0.71	1.70
1940 .....	0.73	0.16	0.67	1.56
1939 .....	0.75	0.14	0.62	1.51
1938 .....	0.75	0.13	0.59	1.47
1937 .....	0.82	0.13	0.64	1.59
1936 .....	0.79	0.12	0.59	1.50
1935 .....	0.68	0.09	0.43	1.20

See footnotes at end of table.

**Table 1.** Apparent per capita ethanol consumption for United States, 1850–1994.  
(Continued)

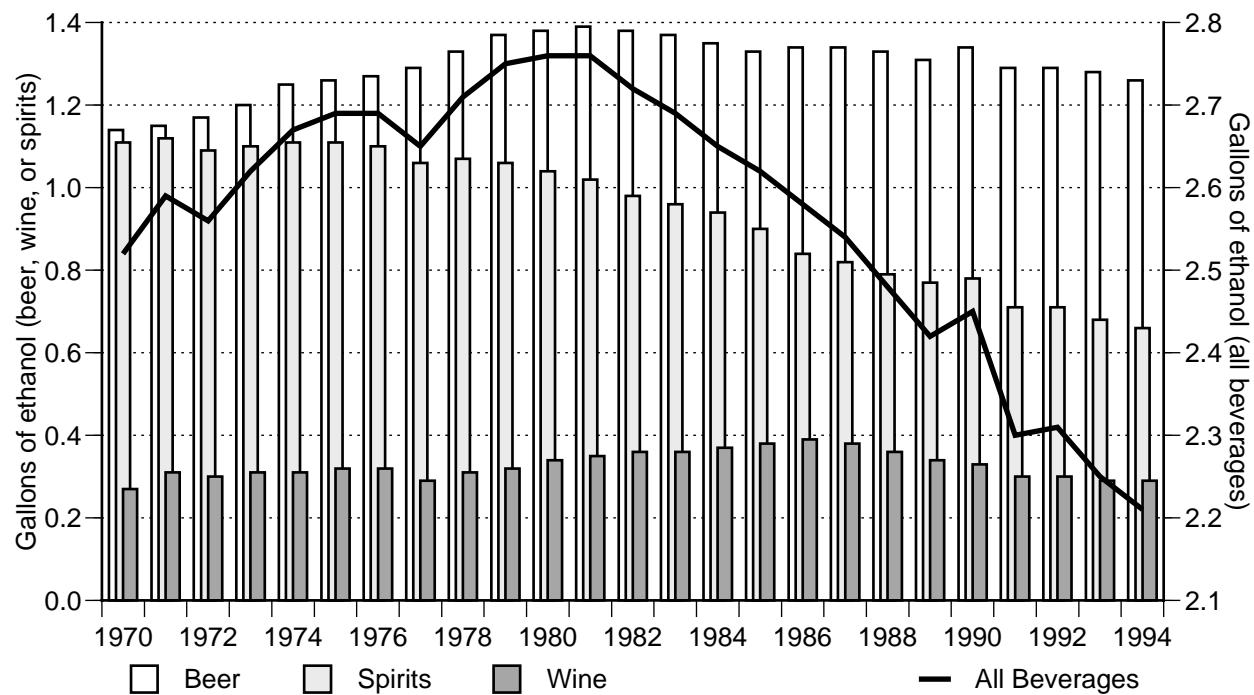
Year	Beer	Wine	Spirits	All beverages
1934 .....	0.61	0.07	0.29	0.97
(Prohibition) .....				
1916-1919 .....	1.08	0.12	0.76	1.96
1911-1915 .....	1.48	0.14	0.94	2.56
1906-1910 .....	1.47	0.17	0.96	2.60
1901-1905 .....	1.31	0.13	0.95	2.39
1896-1900 .....	1.19	0.10	0.77	2.06
1891-1895 .....	1.17	0.11	0.95	2.23
1881-1890 .....	0.90	0.14	0.95	1.99
1871-1880 .....	0.56	0.14	1.02	1.72
1870 .....	0.44	0.10	1.53	2.07
1860 .....	0.27	0.10	2.16	2.53
1850 .....	0.14	0.08	1.88	2.10

NOTE: Gallons of ethanol, based on population 15 years and older prior to 1970 and on population 14 years and older thereafter.

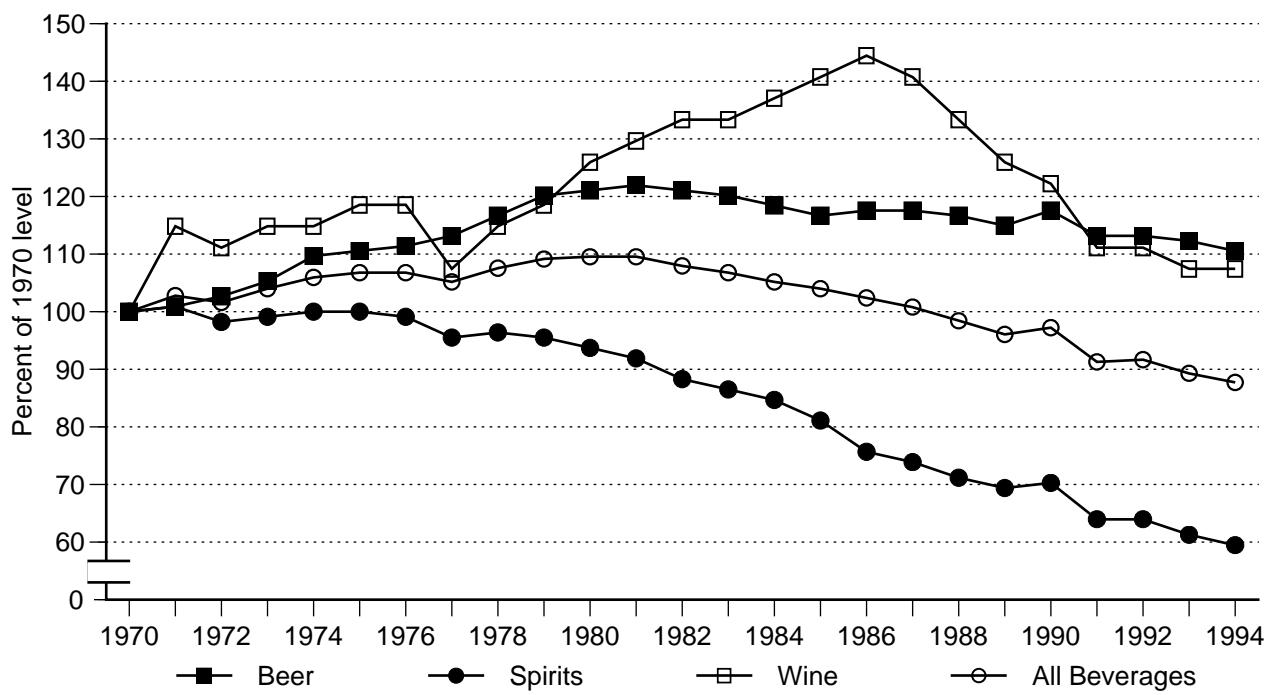
SOURCES: Williams, G.D.; Stinson, F.S.; Lane, J.D.; Tunson, S.L.; and Dufour, M.C. *Surveillance Report #39: Apparent Per Capita Alcohol Consumption: National, State and Regional Trends, 1977-94*. Rockville, MD: National Institute on Alcohol Abuse and Alcoholism, Division of Biometry and Epidemiology, Alcohol Epidemiologic Data System, December, 1996.

Data updated from: Hyman, M.; Zimmerman, M; Gurioli, C.; and Helrich, A. *Drinkers, Drinking and Alcohol-Related Mortality and Hospitalizations: A Statistical Compendium, 1980 Edition*. New Brunswick, NJ: Rutgers University, 1980.

**Figure 2.** Per capita ethanol consumption by beverage type, United States, 1970–94.



**Figure 3.** Percent change in per capita ethanol consumption, United States, 1970–94.



**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94.

**Beer**

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama .....	0.60	0.66	0.74	0.79	0.83	0.88	0.89	0.99	0.98
Alaska .....	1.18	1.33	1.22	1.26	1.41	1.49	1.48	1.19	1.39
Arizona .....	1.37	1.38	1.49	1.57	1.63	1.63	1.67	1.70	1.77
Arkansas .....	0.71	0.77	0.77	0.82	0.89	0.89	0.86	0.92	0.97
California .....	1.10	1.13	1.17	1.19	1.30	1.27	1.32	1.31	1.36
Colorado .....	1.18	1.21	1.28	1.34	1.42	1.43	1.46	1.43	1.64
Connecticut .....	1.00	0.99	0.96	1.02	1.04	1.05	1.03	1.05	1.08
Delaware .....	1.17	1.20	1.21	1.22	1.23	1.23	1.25	1.32	1.33
District of Columbia .....	1.39	1.37	1.34	1.39	1.39	1.37	1.34	1.39	1.43
Florida .....	1.09	1.18	1.25	1.33	1.38	1.38	1.35	1.33	1.41
Georgia .....	0.79	0.86	0.90	0.93	0.99	0.97	0.99	1.08	1.14
Hawaii .....	1.11	1.15	1.20	1.25	1.33	1.50	1.50	1.61	1.38
Idaho .....	1.20	1.26	1.34	1.38	1.39	1.48	1.52	1.50	1.50
Illinois .....	1.21	1.22	1.21	1.22	1.27	1.31	1.31	1.35	1.38
Indiana .....	1.00	1.01	1.00	1.01	1.01	1.04	1.08	1.14	1.19
Iowa .....	1.09	1.10	1.12	1.17	1.25	1.27	1.28	1.33	1.38
Kansas .....	0.85	0.89	0.96	0.98	1.08	1.12	1.13	1.13	1.14
Kentucky .....	0.93	0.97	0.99	1.01	1.01	1.05	1.01	1.19	1.07
Louisiana .....	1.20	1.18	1.22	1.26	1.29	1.30	1.27	1.30	1.35
Maine .....	1.24	1.28	1.31	1.35	1.40	1.44	1.41	1.37	1.31
Maryland .....	1.31	1.28	1.25	1.29	1.34	1.35	1.34	1.37	1.41
Massachusetts .....	1.15	1.15	1.17	1.25	1.31	1.33	1.30	1.34	1.37
Michigan .....	1.37	1.35	1.37	1.41	1.40	1.43	1.43	1.45	1.43
Minnesota .....	1.14	1.15	1.13	1.22	1.28	1.29	1.30	1.30	1.31
Mississippi .....	0.82	0.91	0.95	0.98	1.02	1.02	1.02	1.08	1.16
Missouri .....	1.12	1.13	1.13	1.15	1.18	1.21	1.19	1.23	1.31
Montana .....	1.54	1.55	1.52	1.66	1.70	1.68	1.78	1.83	1.82
Nebraska .....	1.28	1.35	1.27	1.36	1.38	1.38	1.39	1.45	1.47
Nevada .....	1.73	1.74	1.81	1.92	1.99	2.00	2.05	2.15	2.20
New Hampshire .....	1.68	1.79	1.79	1.92	1.99	1.94	1.89	1.89	1.99
New Jersey .....	1.17	1.16	1.12	1.16	1.16	1.16	1.13	1.16	1.17
New Mexico .....	1.20	1.26	1.38	1.37	1.54	1.50	1.56	1.65	1.68
New York .....	1.18	1.16	1.14	1.16	1.17	1.16	1.14	1.18	1.18
North Carolina .....	0.72	0.78	0.80	0.87	0.94	0.96	0.99	1.01	1.06
North Dakota .....	1.21	1.26	1.27	1.28	1.33	1.37	1.40	1.35	1.45
Ohio .....	1.22	1.20	1.18	1.21	1.21	1.24	1.24	1.17	1.20
Oklahoma .....	0.78	0.80	0.86	0.90	0.96	0.99	1.00	1.07	1.08
Oregon .....	1.17	1.21	1.24	1.22	1.27	1.28	1.30	1.33	1.34
Pennsylvania .....	1.26	1.27	1.27	1.29	1.30	1.33	1.32	1.35	1.36
Rhode Island .....	1.28	1.28	1.35	1.32	1.37	1.41	1.38	1.39	1.41
South Carolina .....	0.80	0.86	0.92	1.00	1.06	1.09	1.12	1.18	1.20
South Dakota .....	0.93	0.97	1.02	1.04	1.07	1.09	1.13	1.15	1.19
Tennessee .....	0.87	0.94	0.97	1.03	1.07	1.09	1.06	1.10	1.16
Texas .....	1.31	1.36	1.40	1.45	1.53	1.57	1.56	1.63	1.70
Utah .....	0.75	0.77	0.79	0.82	0.90	0.89	0.93	0.97	0.96
Vermont .....	1.38	1.51	1.53	1.45	1.39	1.42	1.43	1.42	1.53
Virginia .....	1.11	1.04	0.97	1.03	1.10	1.14	1.13	1.19	1.22
Washington .....	1.19	1.23	1.24	1.30	1.34	1.34	1.36	1.36	1.39
West Virginia .....	0.87	0.89	0.88	0.91	0.92	0.93	0.94	0.98	0.96
Wisconsin .....	1.71	1.74	1.74	1.77	1.78	1.87	1.80	1.78	1.80
Wyoming .....	1.28	1.32	1.40	1.54	1.70	1.83	1.82	1.79	1.82
Northeast Region .....	1.19	1.19	1.18	1.21	1.23	1.24	1.22	1.25	1.26
Midwest Region .....	1.22	1.23	1.22	1.26	1.28	1.32	1.32	1.32	1.35
South Region .....	1.00	1.04	1.07	1.12	1.18	1.20	1.19	1.25	1.29
West Region .....	1.15	1.18	1.22	1.26	1.35	1.34	1.38	1.38	1.43
United States .....	1.14	1.15	1.17	1.20	1.25	1.26	1.27	1.29	1.32

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Beer**

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama .....	0.98	0.96	1.00	1.00	1.01	1.02	1.06	1.09	1.10
Alaska .....	1.50	1.55	1.71	1.75	1.76	1.73	1.68	1.68	1.64
Arizona .....	1.86	1.69	1.78	1.74	1.62	1.57	1.67	1.77	1.67
Arkansas .....	0.93	1.00	1.06	1.03	1.03	1.02	1.03	1.06	1.08
California .....	1.42	1.42	1.43	1.37	1.37	1.38	1.32	1.36	1.36
Colorado .....	1.68	1.57	1.63	1.64	1.57	1.51	1.47	1.47	1.43
Connecticut .....	1.13	1.06	1.05	1.04	1.10	1.10	1.14	1.13	1.15
Delaware .....	1.38	1.45	1.51	1.53	1.53	1.51	1.46	1.45	1.44
District of Columbia .....	1.48	1.49	1.50	1.48	1.55	1.56	1.49	1.52	1.48
Florida .....	1.47	1.42	1.55	1.56	1.56	1.48	1.47	1.50	1.51
Georgia .....	1.17	1.07	1.10	1.12	1.14	1.18	1.17	1.22	1.22
Hawaii .....	1.60	1.65	1.74	1.80	1.87	1.65	1.59	1.60	1.57
Idaho .....	1.55	1.53	1.54	1.47	1.44	1.40	1.35	1.34	1.31
Illinois .....	1.45	1.43	1.43	1.41	1.42	1.40	1.38	1.40	1.41
Indiana .....	1.23	1.26	1.29	1.29	1.27	1.26	1.25	1.25	1.24
Iowa .....	1.40	1.41	1.44	1.39	1.38	1.36	1.31	1.32	1.30
Kansas .....	1.17	1.23	1.23	1.22	1.20	1.18	1.17	1.12	1.12
Kentucky .....	1.10	1.08	1.13	1.14	1.13	1.05	1.07	1.09	1.03
Louisiana .....	1.36	1.41	1.48	1.49	1.43	1.40	1.35	1.39	1.36
Maine .....	1.30	1.32	1.24	1.30	1.32	1.25	1.29	1.28	1.26
Maryland .....	1.43	1.42	1.39	1.27	1.34	1.31	1.31	1.29	1.29
Massachusetts .....	1.39	1.47	1.44	1.35	1.36	1.30	1.30	1.31	1.29
Michigan .....	1.37	1.34	1.34	1.35	1.35	1.32	1.30	1.33	1.32
Minnesota .....	1.35	1.40	1.39	1.36	1.37	1.34	1.31	1.30	1.31
Mississippi .....	1.15	1.13	1.19	1.19	1.19	1.19	1.21	1.26	1.26
Missouri .....	1.37	1.39	1.40	1.38	1.37	1.34	1.33	1.36	1.36
Montana .....	1.83	1.82	1.90	1.82	1.79	1.70	1.60	1.58	1.57
Nebraska .....	1.50	1.56	1.57	1.50	1.49	1.44	1.40	1.38	1.40
Nevada .....	2.28	2.09	2.08	1.99	1.98	2.01	1.96	2.07	2.05
New Hampshire .....	1.98	2.21	1.89	1.89	2.17	1.99	1.99	1.93	1.93
New Jersey .....	1.18	1.23	1.22	1.22	1.21	1.19	1.18	1.18	1.18
New Mexico .....	1.71	1.66	1.74	1.72	1.72	1.71	1.70	1.64	1.63
New York .....	1.21	1.28	1.25	1.26	1.23	1.15	1.14	1.13	1.15
North Carolina .....	1.08	1.11	1.10	1.07	1.10	1.11	1.09	1.12	1.11
North Dakota .....	1.45	1.53	1.53	1.52	1.48	1.40	1.33	1.32	1.35
Ohio .....	1.36	1.39	1.35	1.40	1.36	1.41	1.37	1.32	1.35
Oklahoma .....	1.05	1.08	1.14	1.17	1.05	1.01	1.04	1.04	1.04
Oregon .....	1.39	1.37	1.38	1.33	1.31	1.28	1.25	1.26	1.26
Pennsylvania .....	1.42	1.45	1.42	1.44	1.41	1.37	1.37	1.38	1.38
Rhode Island .....	1.46	1.46	1.36	1.34	1.48	1.37	1.40	1.41	1.40
South Carolina .....	1.25	1.22	1.25	1.24	1.26	1.26	1.26	1.30	1.34
South Dakota .....	1.23	1.30	1.32	1.29	1.30	1.27	1.22	1.22	1.24
Tennessee .....	1.14	1.10	1.14	1.13	1.10	1.11	1.11	1.17	1.17
Texas .....	1.76	1.77	1.84	1.83	1.73	1.74	1.68	1.67	1.61
Utah .....	0.97	0.96	1.01	1.01	0.88	0.88	0.90	0.89	0.84
Vermont .....	1.57	1.43	1.49	1.49	1.52	1.48	1.49	1.55	1.55
Virginia .....	1.23	1.23	1.23	1.45	1.47	1.46	1.46	1.52	1.40
Washington .....	1.41	1.52	1.38	1.33	1.29	1.24	1.22	1.23	1.23
West Virginia .....	0.97	1.00	1.06	1.11	1.13	1.12	1.11	1.10	1.11
Wisconsin .....	1.88	1.96	1.95	1.93	1.93	1.86	1.82	1.87	1.78
Wyoming .....	1.86	1.85	1.91	1.80	1.66	1.58	1.56	1.46	1.46
Northeast Region .....	1.30	1.34	1.31	1.31	1.31	1.25	1.25	1.25	1.25
Midwest Region .....	1.41	1.42	1.42	1.42	1.41	1.39	1.37	1.37	1.37
South Region .....	1.32	1.31	1.36	1.37	1.36	1.34	1.33	1.35	1.33
West Region .....	1.49	1.48	1.49	1.45	1.42	1.41	1.37	1.40	1.39
United States .....	1.37	1.38	1.39	1.38	1.37	1.35	1.33	1.34	1.34

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Beer**

Geographic area	Year							Range	
	1988	1989	1990	1991	1992	1993	1994	Low Value	High Value
Alabama .....	1.10	1.10	1.13	1.00	1.02	1.15	1.17	0.60	1.17
Alaska .....	1.60	1.57	1.62	1.55	1.54	1.32	1.53	1.18	1.76
Arizona .....	1.64	1.68	1.59	1.61	1.62	1.65	1.61	1.37	1.86
Arkansas .....	1.07	1.08	1.13	1.12	1.13	1.11	1.08	0.71	1.13
California .....	1.34	1.31	1.32	1.22	1.28	1.18	1.09	1.09	1.43
Colorado .....	1.42	1.40	1.35	1.40	1.35	1.42	1.40	1.18	1.68
Connecticut .....	1.14	1.09	1.09	1.03	1.02	0.97	1.00	0.96	1.15
Delaware .....	1.44	1.40	1.45	1.40	1.41	1.47	1.45	1.17	1.53
District of Columbia .....	1.47	1.49	1.42	1.44	1.64	1.56	1.56	1.34	1.64
Florida .....	1.51	1.51	1.54	1.44	1.47	1.46	1.44	1.09	1.56
Georgia .....	1.22	1.18	1.22	1.16	1.23	1.24	1.19	0.79	1.24
Hawaii .....	1.62	1.54	1.65	1.57	1.55	1.50	1.47	1.11	1.87
Idaho .....	1.25	1.23	1.36	1.31	1.33	1.27	1.25	1.20	1.55
Illinois .....	1.42	1.38	1.44	1.39	1.35	1.34	1.34	1.21	1.45
Indiana .....	1.23	1.21	1.27	1.22	1.17	1.15	1.16	1.00	1.29
Iowa .....	1.28	1.26	1.35	1.33	1.32	1.29	1.31	1.09	1.44
Kansas .....	1.11	1.10	1.13	1.15	1.10	1.10	1.13	0.85	1.23
Kentucky .....	1.08	1.08	1.13	1.11	1.04	1.08	1.08	0.93	1.19
Louisiana .....	1.44	1.43	1.55	1.52	1.56	1.54	1.46	1.18	1.56
Maine .....	1.28	1.25	1.22	1.18	1.16	1.15	1.13	1.13	1.44
Maryland .....	1.26	1.22	1.22	1.15	1.11	1.10	1.09	1.09	1.43
Massachusetts .....	1.29	1.26	1.22	1.19	1.13	1.15	1.15	1.13	1.47
Michigan .....	1.31	1.29	1.34	1.30	1.26	1.27	1.24	1.24	1.45
Minnesota .....	1.30	1.28	1.33	1.30	1.26	1.25	1.28	1.13	1.40
Mississippi .....	1.28	1.26	1.35	1.32	1.36	1.38	1.29	0.82	1.38
Missouri .....	1.33	1.33	1.38	1.35	1.34	1.34	1.37	1.12	1.40
Montana .....	1.59	1.56	1.61	1.61	1.59	1.50	1.58	1.50	1.90
Nebraska .....	1.37	1.37	1.42	1.40	1.39	1.38	1.41	1.27	1.57
Nevada .....	2.13	2.18	2.18	2.07	2.05	2.00	2.00	1.73	2.28
New Hampshire .....	1.91	1.87	1.85	1.86	1.81	1.83	1.75	1.68	2.21
New Jersey .....	1.15	1.13	1.16	1.10	1.08	1.08	1.06	1.06	1.23
New Mexico .....	1.63	1.64	1.69	1.65	1.57	1.55	1.50	1.20	1.74
New York .....	1.15	1.12	1.13	1.09	1.05	1.01	1.00	1.00	1.28
North Carolina .....	1.12	1.13	1.16	1.12	1.16	1.16	1.16	0.72	1.16
North Dakota .....	1.38	1.38	1.47	1.43	1.39	1.38	1.40	1.21	1.53
Ohio .....	1.34	1.35	1.35	1.33	1.32	1.30	1.31	1.17	1.41
Oklahoma .....	1.05	1.05	1.12	1.10	1.14	1.12	1.16	0.78	1.17
Oregon .....	1.27	1.26	1.32	1.28	1.30	1.25	1.24	1.17	1.39
Pennsylvania .....	1.39	1.36	1.42	1.36	1.30	1.32	1.29	1.26	1.45
Rhode Island .....	1.39	1.37	1.32	1.33	1.26	1.24	1.26	1.24	1.48
South Carolina .....	1.37	1.37	1.45	1.35	1.35	1.37	1.40	0.80	1.45
South Dakota .....	1.21	1.25	1.37	1.37	1.38	1.36	1.41	0.93	1.41
Tennessee .....	1.20	1.18	1.22	1.19	1.21	1.21	1.20	0.87	1.22
Texas .....	1.61	1.62	1.64	1.60	1.66	1.62	1.62	1.31	1.84
Utah .....	0.83	0.82	0.81	0.81	0.81	0.80	0.79	0.75	1.01
Vermont .....	1.51	1.45	1.47	1.40	1.34	1.33	1.33	1.33	1.57
Virginia .....	1.31	1.23	1.26	1.20	1.26	1.24	1.21	0.97	1.52
Washington .....	1.22	1.24	1.28	1.23	1.26	1.19	1.19	1.19	1.52
West Virginia .....	1.12	1.12	1.20	1.18	1.16	1.18	1.17	0.87	1.20
Wisconsin .....	1.75	1.71	1.74	1.66	1.60	1.60	1.60	1.60	1.96
Wyoming .....	1.39	1.35	1.48	1.46	1.45	1.41	1.44	1.28	1.91
Northeast Region .....	1.25	1.22	1.24	1.19	1.15	1.14	1.12	1.12	1.34
Midwest Region .....	1.36	1.34	1.38	1.35	1.32	1.31	1.32	1.22	1.42
South Region .....	1.33	1.33	1.37	1.31	1.34	1.34	1.33	1.00	1.37
West Region .....	1.37	1.36	1.37	1.30	1.34	1.27	1.22	1.15	1.49
United States .....	1.33	1.31	1.34	1.29	1.30	1.28	1.26	1.14	1.39

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Wine**

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama .....	0.09	0.09	0.09	0.10	0.16	0.16	0.15	0.13	0.12
Alaska .....	0.37	0.43	0.41	0.43	0.47	0.47	0.49	0.42	0.45
Arizona .....	0.32	0.35	0.34	0.34	0.33	0.36	0.39	0.34	0.37
Arkansas .....	0.13	0.14	0.13	0.13	0.13	0.12	0.12	0.10	0.11
California .....	0.63	0.68	0.66	0.68	0.68	0.70	0.70	0.67	0.68
Colorado .....	0.31	0.38	0.37	0.39	0.39	0.42	0.46	0.36	0.47
Connecticut .....	0.34	0.37	0.34	0.35	0.35	0.35	0.37	0.35	0.38
Delaware .....	0.21	0.24	0.26	0.27	0.26	0.26	0.25	0.24	0.25
District of Columbia .....	0.82	0.91	0.89	0.92	0.89	0.92	0.94	0.89	0.94
Florida .....	0.30	0.33	0.33	0.34	0.32	0.34	0.36	0.33	0.34
Georgia .....	0.14	0.12	0.16	0.16	0.15	0.17	0.18	0.16	0.19
Hawaii .....	0.25	0.37	0.27	0.32	0.33	0.35	0.39	0.36	0.46
Idaho .....	0.10	0.26	0.27	0.26	0.26	0.26	0.27	0.22	0.26
Illinois .....	0.27	0.32	0.31	0.32	0.33	0.33	0.34	0.30	0.31
Indiana .....	0.12	0.13	0.12	0.15	0.13	0.15	0.14	0.14	0.16
Iowa .....	0.06	0.07	0.08	0.09	0.09	0.09	0.10	0.10	0.11
Kansas .....	0.09	0.10	0.11	0.11	0.12	0.12	0.11	0.10	0.12
Kentucky .....	0.08	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09
Louisiana .....	0.29	0.33	0.31	0.21	0.21	0.22	0.28	0.25	0.25
Maine .....	0.10	0.40	0.24	0.23	0.24	0.25	0.26	0.23	0.27
Maryland .....	0.25	0.28	0.30	0.30	0.32	0.33	0.33	0.30	0.31
Massachusetts .....	0.30	0.37	0.36	0.37	0.37	0.38	0.38	0.37	0.40
Michigan .....	0.24	0.28	0.27	0.28	0.28	0.29	0.30	0.24	0.25
Minnesota .....	0.16	0.20	0.20	0.20	0.20	0.20	0.21	0.20	0.23
Mississippi .....	0.08	0.10	0.11	0.10	0.11	0.13	0.13	0.11	0.10
Missouri .....	0.19	0.19	0.19	0.20	0.18	0.20	0.20	0.19	0.20
Montana .....	0.13	0.15	0.16	0.17	0.17	0.19	0.20	0.20	0.20
Nebraska .....	0.13	0.16	0.16	0.14	0.14	0.16	0.17	0.17	0.18
Nevada .....	0.67	0.72	0.73	0.78	0.81	0.83	0.86	0.83	0.85
New Hampshire .....	0.32	0.40	0.38	0.39	0.41	0.49	0.53	0.50	0.54
New Jersey .....	0.38	0.42	0.41	0.41	0.41	0.42	0.42	0.40	0.42
New Mexico .....	0.36	0.38	0.35	0.33	0.33	0.35	0.34	0.32	0.32
New York .....	0.40	0.44	0.44	0.45	0.44	0.45	0.44	0.38	0.42
North Carolina .....	0.16	0.20	0.21	0.20	0.21	0.23	0.23	0.20	0.20
North Dakota .....	0.11	0.12	0.16	0.15	0.14	0.15	0.16	0.15	0.16
Ohio .....	0.19	0.21	0.20	0.20	0.19	0.20	0.20	0.18	0.20
Oklahoma .....	0.15	0.17	0.15	0.17	0.14	0.15	0.14	0.14	0.14
Oregon .....	0.39	0.45	0.47	0.49	0.52	0.53	0.50	0.46	0.47
Pennsylvania .....	0.19	0.22	0.21	0.21	0.22	0.22	0.22	0.20	0.21
Rhode Island .....	0.38	0.45	0.42	0.42	0.43	0.46	0.47	0.43	0.50
South Carolina .....	0.16	0.19	0.21	0.20	0.19	0.22	0.20	0.17	0.17
South Dakota .....	0.13	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17
Tennessee .....	0.06	0.10	0.11	0.12	0.11	0.12	0.11	0.10	0.11
Texas .....	0.17	0.19	0.20	0.20	0.20	0.20	0.20	0.14	0.14
Utah .....	0.12	0.15	0.15	0.15	0.14	0.15	0.15	0.14	0.15
Vermont .....	0.39	0.48	0.45	0.46	0.48	0.49	0.50	0.44	0.47
Virginia .....	0.20	0.23	0.21	0.25	0.22	0.25	0.24	0.21	0.21
Washington .....	0.39	0.44	0.43	0.43	0.44	0.46	0.48	0.45	0.48
West Virginia .....	0.09	0.10	0.10	0.09	0.09	0.10	0.10	0.09	0.09
Wisconsin .....	0.22	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.28
Wyoming .....	0.16	0.18	0.19	0.20	0.21	0.21	0.21	0.21	0.22
Northeast Region .....	0.32	0.37	0.36	0.36	0.36	0.37	0.37	0.34	0.36
Midwest Region .....	0.19	0.22	0.22	0.22	0.22	0.23	0.23	0.21	0.22
South Region .....	0.18	0.21	0.21	0.21	0.21	0.22	0.22	0.19	0.20
West Region .....	0.50	0.55	0.53	0.55	0.55	0.57	0.58	0.54	0.56
United States .....	0.27	0.31	0.30	0.31	0.31	0.32	0.32	0.29	0.31

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Wine**

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama .....	0.12	0.16	0.19	0.18	0.17	0.19	0.17	0.18	0.18
Alaska .....	0.47	0.50	0.57	0.56	0.61	0.58	0.58	0.56	0.54
Arizona .....	0.39	0.36	0.42	0.40	0.44	0.45	0.46	0.46	0.46
Arkansas .....	0.10	0.12	0.12	0.12	0.13	0.12	0.13	0.09	0.11
California .....	0.70	0.71	0.72	0.72	0.75	0.74	0.78	0.79	0.74
Colorado .....	0.47	0.47	0.44	0.46	0.46	0.46	0.50	0.46	0.44
Connecticut .....	0.40	0.43	0.44	0.49	0.49	0.50	0.50	0.51	0.52
Delaware .....	0.27	0.29	0.32	0.34	0.35	0.38	0.41	0.44	0.42
District of Columbia .....	0.99	0.99	1.06	1.00	1.08	1.11	1.03	1.04	1.00
Florida .....	0.37	0.37	0.39	0.40	0.40	0.40	0.41	0.41	0.42
Georgia .....	0.19	0.19	0.18	0.21	0.22	0.24	0.25	0.27	0.27
Hawaii .....	0.44	0.46	0.44	0.48	0.44	0.41	0.41	0.44	0.40
Idaho .....	0.27	0.30	0.33	0.31	0.30	0.31	0.36	0.38	0.38
Illinois .....	0.33	0.33	0.35	0.35	0.35	0.37	0.37	0.39	0.39
Indiana .....	0.15	0.17	0.18	0.18	0.19	0.21	0.22	0.23	0.22
Iowa .....	0.11	0.13	0.13	0.13	0.13	0.12	0.14	0.19	0.21
Kansas .....	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.16
Kentucky .....	0.09	0.10	0.10	0.12	0.12	0.12	0.13	0.13	0.14
Louisiana .....	0.26	0.27	0.27	0.30	0.30	0.29	0.27	0.26	0.24
Maine .....	0.27	0.29	0.28	0.30	0.29	0.31	0.33	0.36	0.38
Maryland .....	0.31	0.33	0.34	0.32	0.35	0.36	0.36	0.39	0.38
Massachusetts .....	0.42	0.45	0.49	0.49	0.50	0.51	0.51	0.53	0.51
Michigan .....	0.25	0.28	0.29	0.39	0.28	0.31	0.32	0.33	0.33
Minnesota .....	0.24	0.26	0.27	0.27	0.27	0.28	0.31	0.34	0.32
Mississippi .....	0.10	0.10	0.11	0.11	0.11	0.11	0.10	0.10	0.09
Missouri .....	0.20	0.20	0.21	0.21	0.22	0.25	0.26	0.28	0.27
Montana .....	0.41	0.35	0.33	0.32	0.32	0.32	0.33	0.34	0.33
Nebraska .....	0.18	0.19	0.20	0.28	0.21	0.20	0.22	0.23	0.22
Nevada .....	0.88	0.79	0.80	0.77	0.79	0.82	0.84	0.88	0.84
New Hampshire .....	0.62	0.69	0.59	0.58	0.56	0.59	0.53	0.52	0.50
New Jersey .....	0.43	0.47	0.51	0.52	0.52	0.55	0.55	0.56	0.54
New Mexico .....	0.30	0.32	0.32	0.34	0.31	0.28	0.36	0.35	0.35
New York .....	0.44	0.46	0.46	0.48	0.49	0.49	0.49	0.50	0.48
North Carolina .....	0.22	0.20	0.21	0.21	0.22	0.24	0.27	0.30	0.28
North Dakota .....	0.16	0.17	0.18	0.18	0.17	0.17	0.19	0.22	0.20
Ohio .....	0.20	0.22	0.22	0.22	0.22	0.25	0.25	0.25	0.24
Oklahoma .....	0.13	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15
Oregon .....	0.47	0.51	0.50	0.53	0.53	0.53	0.55	0.54	0.53
Pennsylvania .....	0.22	0.22	0.23	0.23	0.22	0.21	0.21	0.21	0.20
Rhode Island .....	0.50	0.53	0.52	0.55	0.50	0.52	0.51	0.53	0.52
South Carolina .....	0.17	0.18	0.19	0.20	0.20	0.24	0.25	0.27	0.27
South Dakota .....	0.17	0.18	0.19	0.18	0.17	0.17	0.18	0.19	0.19
Tennessee .....	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.15
Texas .....	0.14	0.22	0.24	0.18	0.27	0.28	0.30	0.31	0.29
Utah .....	0.16	0.14	0.14	0.15	0.14	0.14	0.15	0.17	0.15
Vermont .....	0.47	0.48	0.50	0.50	0.50	0.49	0.55	0.59	0.58
Virginia .....	0.25	0.25	0.27	0.27	0.27	0.29	0.30	0.27	0.26
Washington .....	0.48	0.52	0.54	0.53	0.54	0.57	0.59	0.61	0.56
West Virginia .....	0.09	0.09	0.14	0.14	0.13	0.12	0.13	0.13	0.13
Wisconsin .....	0.28	0.31	0.31	0.30	0.33	0.30	0.32	0.34	0.35
Wyoming .....	0.22	0.24	0.24	0.24	0.22	0.22	0.25	0.26	0.24
Northeast Region .....	0.38	0.40	0.41	0.43	0.43	0.43	0.43	0.44	0.43
Midwest Region .....	0.23	0.24	0.26	0.27	0.25	0.27	0.28	0.30	0.29
South Region .....	0.21	0.23	0.24	0.23	0.25	0.27	0.27	0.28	0.27
West Region .....	0.58	0.59	0.60	0.60	0.61	0.61	0.65	0.65	0.62
United States .....	0.32	0.34	0.35	0.36	0.36	0.37	0.38	0.39	0.38

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Wine**

Geographic area	Year							Range	
	1988	1989	1990	1991	1992	1993	1994	Low Value	High Value
Alabama .....	0.18	0.17	0.18	0.17	0.19	0.17	0.17	0.09	0.19
Alaska .....	0.49	0.46	0.46	0.43	0.42	0.32	0.40	0.32	0.61
Arizona .....	0.42	0.36	0.37	0.35	0.32	0.29	0.30	0.29	0.46
Arkansas .....	0.14	0.13	0.13	0.11	0.13	0.12	0.13	0.09	0.14
California .....	0.68	0.61	0.59	0.49	0.51	0.48	0.47	0.47	0.79
Colorado .....	0.39	0.37	0.29	0.35	0.36	0.37	0.36	0.29	0.50
Connecticut .....	0.51	0.47	0.46	0.43	0.45	0.44	0.44	0.34	0.52
Delaware .....	0.40	0.38	0.37	0.35	0.36	0.36	0.38	0.21	0.44
District of Columbia .....	0.99	0.88	0.77	0.62	0.72	0.75	0.76	0.62	1.11
Florida .....	0.41	0.39	0.39	0.35	0.34	0.33	0.34	0.30	0.42
Georgia .....	0.26	0.24	0.23	0.22	0.22	0.21	0.21	0.12	0.27
Hawaii .....	0.45	0.43	0.40	0.40	0.39	0.38	0.38	0.25	0.48
Idaho .....	0.36	0.30	0.33	0.32	0.32	0.29	0.36	0.10	0.38
Illinois .....	0.37	0.35	0.37	0.34	0.35	0.34	0.34	0.27	0.39
Indiana .....	0.21	0.19	0.20	0.19	0.20	0.19	0.20	0.12	0.23
Iowa .....	0.20	0.18	0.18	0.16	0.13	0.11	0.10	0.06	0.21
Kansas .....	0.21	0.13	0.13	0.14	0.14	0.14	0.13	0.09	0.21
Kentucky .....	0.12	0.12	0.11	0.11	0.11	0.10	0.11	0.08	0.14
Louisiana .....	0.24	0.23	0.23	0.21	0.22	0.22	0.21	0.21	0.33
Maine .....	0.36	0.34	0.31	0.30	0.29	0.29	0.27	0.10	0.40
Maryland .....	0.36	0.34	0.33	0.30	0.29	0.28	0.28	0.25	0.39
Massachusetts .....	0.50	0.47	0.45	0.43	0.44	0.44	0.45	0.30	0.53
Michigan .....	0.32	0.30	0.28	0.22	0.22	0.21	0.21	0.21	0.39
Minnesota .....	0.30	0.27	0.27	0.24	0.25	0.25	0.25	0.16	0.34
Mississippi .....	0.09	0.09	0.09	0.09	0.09	0.10	0.08	0.08	0.13
Missouri .....	0.25	0.22	0.22	0.22	0.22	0.20	0.20	0.18	0.28
Montana .....	0.32	0.29	0.29	0.28	0.26	0.25	0.25	0.13	0.41
Nebraska .....	0.22	0.19	0.20	0.18	0.18	0.18	0.18	0.13	0.28
Nevada .....	0.78	0.73	0.70	0.63	0.63	0.59	0.59	0.59	0.88
New Hampshire .....	0.49	0.50	0.49	0.49	0.52	0.54	0.48	0.32	0.69
New Jersey .....	0.51	0.50	0.49	0.43	0.44	0.43	0.44	0.38	0.56
New Mexico .....	0.33	0.29	0.28	0.26	0.25	0.23	0.19	0.19	0.38
New York .....	0.45	0.42	0.41	0.37	0.37	0.36	0.35	0.35	0.50
North Carolina .....	0.28	0.27	0.27	0.24	0.23	0.22	0.22	0.16	0.30
North Dakota .....	0.19	0.17	0.17	0.16	0.15	0.16	0.15	0.11	0.22
Ohio .....	0.24	0.22	0.22	0.19	0.17	0.16	0.16	0.16	0.25
Oklahoma .....	0.14	0.13	0.14	0.13	0.13	0.11	0.13	0.11	0.17
Oregon .....	0.51	0.46	0.47	0.44	0.46	0.43	0.37	0.37	0.55
Pennsylvania .....	0.19	0.18	0.18	0.17	0.18	0.17	0.18	0.17	0.23
Rhode Island .....	0.49	0.46	0.44	0.38	0.40	0.37	0.39	0.37	0.55
South Carolina .....	0.26	0.24	0.26	0.22	0.20	0.20	0.17	0.16	0.27
South Dakota .....	0.16	0.15	0.18	0.15	0.15	0.13	0.13	0.13	0.19
Tennessee .....	0.14	0.14	0.15	0.13	0.14	0.14	0.15	0.06	0.16
Texas .....	0.28	0.26	0.26	0.25	0.24	0.20	0.20	0.14	0.31
Utah .....	0.14	0.13	0.12	0.12	0.12	0.11	0.09	0.09	0.17
Vermont .....	0.56	0.51	0.48	0.46	0.44	0.44	0.42	0.39	0.59
Virginia .....	0.25	0.31	0.30	0.28	0.28	0.27	0.27	0.20	0.31
Washington .....	0.50	0.47	0.46	0.43	0.46	0.39	0.40	0.39	0.61
West Virginia .....	0.12	0.11	0.10	0.09	0.09	0.08	0.08	0.08	0.14
Wisconsin .....	0.33	0.31	0.31	0.27	0.25	0.23	0.23	0.22	0.35
Wyoming .....	0.23	0.22	0.22	0.20	0.20	0.19	0.18	0.16	0.26
Northeast Region .....	0.40	0.39	0.38	0.34	0.35	0.34	0.34	0.32	0.44
Midwest Region .....	0.28	0.26	0.26	0.23	0.23	0.22	0.22	0.19	0.30
South Region .....	0.27	0.26	0.26	0.23	0.23	0.22	0.22	0.18	0.28
West Region .....	0.57	0.51	0.50	0.44	0.45	0.42	0.41	0.41	0.65
United States .....	0.36	0.34	0.33	0.30	0.30	0.29	0.29	0.27	0.39

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Spirits**

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama .....	0.70	0.76	0.78	0.79	0.81	0.85	0.86	0.84	0.88
Alaska .....	2.07	2.15	1.87	1.87	1.98	2.17	2.06	1.70	1.68
Arizona .....	1.05	1.08	1.07	1.09	1.09	1.08	1.12	1.05	1.10
Arkansas .....	0.59	0.56	0.57	0.61	0.65	0.63	0.67	0.63	0.73
California .....	1.37	1.38	1.33	1.34	1.35	1.36	1.34	1.28	1.32
Colorado .....	1.26	1.33	1.28	1.32	1.37	1.39	1.37	1.22	1.43
Connecticut .....	1.46	1.44	1.37	1.35	1.34	1.29	1.26	1.21	1.20
Delaware .....	1.74	1.74	1.60	1.55	1.51	1.49	1.43	1.35	1.33
District of Columbia .....	4.44	4.45	4.16	3.89	3.76	3.71	3.57	3.26	3.14
Florida .....	1.52	1.52	1.52	1.56	1.52	1.47	1.46	1.47	1.48
Georgia .....	1.02	1.08	1.12	1.02	1.09	1.16	1.23	1.23	1.26
Hawaii .....	1.12	0.93	1.06	1.25	1.31	1.30	1.30	1.26	1.30
Idaho .....	0.75	0.77	0.75	0.74	0.77	0.80	0.79	0.79	0.80
Illinois .....	1.34	1.39	1.33	1.35	1.34	1.35	1.30	1.22	1.19
Indiana .....	0.69	0.68	0.67	0.63	0.73	0.75	0.75	0.77	0.79
Iowa .....	0.68	0.71	0.69	0.73	0.75	0.76	0.77	0.74	0.74
Kansas .....	0.65	0.69	0.67	0.68	0.71	0.71	0.69	0.65	0.64
Kentucky .....	0.84	0.87	0.82	0.83	0.82	0.83	0.79	0.75	0.77
Louisiana .....	0.91	0.97	0.96	0.96	0.97	1.02	1.05	1.03	1.07
Maine .....	1.03	0.99	0.99	1.01	1.05	1.04	1.07	1.04	1.05
Maryland .....	1.39	1.44	1.40	1.42	1.45	1.46	1.45	1.39	1.38
Massachusetts .....	1.35	1.37	1.34	1.39	1.41	1.36	1.32	1.24	1.25
Michigan .....	1.07	1.06	1.06	1.04	1.05	1.05	1.06	1.02	1.05
Minnesota .....	1.23	1.29	1.17	1.22	1.26	1.20	1.20	1.15	1.15
Mississippi .....	0.71	0.75	0.75	0.76	0.81	0.84	0.86	0.86	0.91
Missouri .....	1.00	0.94	0.92	0.85	0.91	0.89	0.81	0.83	0.89
Montana .....	1.03	1.05	1.05	1.07	1.10	1.11	1.12	1.10	1.07
Nebraska .....	1.01	1.02	0.97	0.98	1.01	0.98	0.97	0.91	0.89
Nevada .....	3.18	3.23	3.41	3.66	3.69	3.94	4.01	3.85	3.65
New Hampshire .....	2.82	3.09	3.10	3.09	2.99	3.10	3.00	2.93	2.94
New Jersey .....	1.38	1.36	1.33	1.29	1.26	1.22	1.19	1.13	1.10
New Mexico .....	0.98	0.94	0.98	0.95	0.98	1.00	0.98	0.96	0.98
New York .....	1.42	1.41	1.24	1.32	1.30	1.27	1.25	1.17	1.17
North Carolina .....	0.91	0.91	0.87	0.87	0.87	0.86	0.87	0.84	0.86
North Dakota .....	1.02	1.05	1.09	1.16	1.24	1.21	1.20	1.12	1.15
Ohio .....	0.81	0.81	0.78	0.79	0.79	0.78	0.77	0.70	0.70
Oklahoma .....	0.84	0.80	0.75	0.80	0.78	0.85	0.78	0.78	0.82
Oregon .....	0.90	0.91	0.89	0.93	0.94	0.95	0.96	0.96	0.98
Pennsylvania .....	0.82	0.83	0.80	0.81	0.81	0.80	0.79	0.74	0.74
Rhode Island .....	1.17	1.18	1.16	1.19	1.25	1.26	1.21	1.12	1.16
South Carolina .....	1.09	1.11	1.09	1.09	1.10	1.08	1.19	1.14	1.21
South Dakota .....	0.90	0.97	0.91	1.02	1.01	1.03	1.06	1.06	1.05
Tennessee .....	0.58	0.60	0.63	0.68	0.70	0.72	0.74	0.71	0.72
Texas .....	0.74	0.74	0.73	0.75	0.78	0.80	0.81	0.81	0.84
Utah .....	0.57	0.58	0.57	0.58	0.57	0.59	0.60	0.59	0.61
Vermont .....	1.73	1.81	1.86	1.87	1.84	1.83	1.76	1.58	1.59
Virginia .....	1.02	1.01	0.98	0.99	0.98	0.96	0.95	0.90	0.90
Washington .....	1.08	1.06	1.00	1.03	1.07	1.10	1.11	1.08	1.09
West Virginia .....	0.69	0.75	0.73	0.75	0.78	0.82	0.82	0.78	0.79
Wisconsin .....	1.25	1.26	1.27	1.43	1.34	1.31	1.31	1.26	1.18
Wyoming .....	1.15	1.18	1.17	1.24	1.31	1.32	1.31	1.32	1.36
Northeast Region .....	1.28	1.27	1.19	1.22	1.22	1.19	1.17	1.10	1.10
Midwest Region .....	1.02	1.03	1.00	1.01	1.03	1.02	1.00	0.96	0.96
South Region .....	0.99	1.01	1.00	1.01	1.01	1.02	1.03	1.01	1.03
West Region .....	1.26	1.27	1.23	1.25	1.28	1.29	1.28	1.22	1.27
United States .....	1.11	1.12	1.09	1.10	1.11	1.11	1.10	1.06	1.07

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Spirits**

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama .....	0.84	0.74	0.73	0.72	0.71	0.69	0.67	0.64	0.61
Alaska .....	1.65	1.70	1.82	1.74	1.70	1.56	1.53	1.27	1.29
Arizona .....	1.17	0.98	1.01	0.99	1.00	1.06	1.00	0.91	0.86
Arkansas .....	0.57	0.69	0.68	0.63	0.63	0.64	0.58	0.48	0.53
California .....	1.28	1.25	1.21	1.14	1.11	1.07	1.02	0.96	0.93
Colorado .....	1.37	1.31	1.26	1.18	1.12	1.12	1.18	0.94	0.93
Connecticut .....	1.20	1.21	1.18	1.20	1.23	1.20	1.20	1.15	1.12
Delaware .....	1.34	1.38	1.39	1.36	1.34	1.28	1.30	1.23	1.22
District of Columbia .....	3.03	2.94	2.92	2.91	2.79	2.68	2.42	2.19	2.37
Florida .....	1.51	1.43	1.38	1.33	1.23	1.24	1.16	1.05	1.03
Georgia .....	1.22	1.09	1.09	1.04	1.05	1.06	1.01	0.95	1.00
Hawaii .....	1.28	1.21	1.16	1.14	1.12	0.91	0.88	0.85	0.76
Idaho .....	0.84	0.77	0.83	0.81	0.76	0.72	0.71	0.61	0.58
Illinois .....	1.17	1.24	1.12	1.06	1.03	1.01	0.98	0.90	0.87
Indiana .....	0.79	0.77	0.78	0.76	0.73	0.72	0.72	0.67	0.67
Iowa .....	0.71	0.71	0.69	0.65	0.64	0.61	0.57	0.53	0.57
Kansas .....	0.73	0.62	0.70	0.67	0.64	0.63	0.64	0.59	0.56
Kentucky .....	0.77	0.74	0.76	0.73	0.69	0.68	0.66	0.62	0.59
Louisiana .....	1.08	1.04	1.02	1.00	1.02	0.94	0.86	0.78	0.75
Maine .....	1.08	1.06	1.05	1.02	1.03	1.01	0.94	0.91	0.91
Maryland .....	1.39	1.35	1.33	1.17	1.20	1.17	1.14	1.08	1.07
Massachusetts .....	1.23	1.27	1.24	1.22	1.21	1.24	1.21	1.12	1.12
Michigan .....	1.03	1.03	1.00	0.98	0.97	0.97	0.95	0.90	0.85
Minnesota .....	1.16	1.20	1.18	1.11	1.10	1.07	1.06	0.92	0.94
Mississippi .....	0.84	0.86	0.84	0.82	0.79	0.77	0.73	0.68	0.66
Missouri .....	0.86	0.84	0.83	0.79	0.78	0.68	0.76	0.72	0.72
Montana .....	1.05	1.04	1.05	1.02	0.99	0.93	0.88	0.81	0.77
Nebraska .....	0.88	0.89	0.88	0.58	0.79	0.76	0.75	0.67	0.65
Nevada .....	3.28	2.94	2.71	2.50	2.45	2.36	2.18	2.11	2.09
New Hampshire .....	2.61	2.86	2.44	2.34	2.35	2.33	2.21	2.06	1.98
New Jersey .....	1.10	1.13	1.15	1.13	1.13	1.10	1.08	1.03	1.01
New Mexico .....	1.01	1.00	0.95	0.94	0.98	0.76	0.77	0.70	0.67
New York .....	1.17	1.18	1.12	1.10	1.05	1.03	0.98	0.92	0.90
North Carolina .....	0.88	0.86	0.86	0.85	0.80	0.78	0.76	0.74	0.71
North Dakota .....	1.10	1.14	1.14	1.09	1.05	0.98	0.96	0.86	0.87
Ohio .....	0.71	0.72	0.68	0.66	0.65	0.61	0.59	0.60	0.59
Oklahoma .....	0.80	0.71	0.83	0.83	0.77	0.74	0.68	0.61	0.57
Oregon .....	0.96	0.94	0.92	0.88	0.85	0.82	0.77	0.73	0.72
Pennsylvania .....	0.73	0.71	0.72	0.70	0.67	0.66	0.65	0.64	0.61
Rhode Island .....	1.11	1.14	1.04	1.04	1.06	1.03	1.03	0.93	0.94
South Carolina .....	1.18	1.06	1.05	1.00	1.01	1.00	0.99	0.92	0.88
South Dakota .....	1.04	1.07	1.05	0.98	0.95	0.89	0.94	0.81	0.79
Tennessee .....	0.73	0.69	0.72	0.70	0.69	0.70	0.67	0.63	0.62
Texas .....	0.87	0.81	0.85	0.84	0.79	0.79	0.73	0.65	0.61
Utah .....	0.62	0.60	0.58	0.55	0.50	0.52	0.53	0.52	0.50
Vermont .....	1.50	1.39	1.33	1.25	1.19	1.15	1.09	1.04	0.98
Virginia .....	0.92	0.90	0.89	0.86	0.82	0.80	0.79	0.74	0.71
Washington .....	1.10	1.08	1.05	0.99	0.94	0.91	0.87	0.82	0.79
West Virginia .....	0.77	0.72	0.66	0.55	0.48	0.44	0.42	0.41	0.41
Wisconsin .....	1.17	1.20	1.20	1.04	1.07	1.03	1.05	0.95	0.97
Wyoming .....	1.30	1.32	1.27	1.21	1.09	1.05	1.03	0.92	0.86
Northeast Region .....	1.09	1.10	1.07	1.05	1.03	1.01	0.98	0.93	0.91
Midwest Region .....	0.95	0.96	0.93	0.88	0.87	0.84	0.83	0.78	0.76
South Region .....	1.03	0.98	0.98	0.95	0.91	0.90	0.85	0.79	0.77
West Region .....	1.24	1.20	1.16	1.11	1.07	1.04	1.00	0.92	0.89
United States .....	1.06	1.04	1.02	0.98	0.96	0.94	0.90	0.84	0.82

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

**Spirits**

Geographic area	Year							Range	
	1988	1989	1990	1991	1992	1993	1994	Low Value	High Value
Alabama .....	0.61	0.60	0.62	0.59	0.59	0.56	0.54	0.54	0.88
Alaska .....	1.23	1.24	1.25	1.14	1.08	0.93	1.10	0.93	2.17
Arizona .....	0.88	0.85	0.80	0.80	0.83	0.80	0.74	0.74	1.17
Arkansas .....	0.53	0.57	0.61	0.58	0.66	0.59	0.47	0.47	0.73
California .....	0.89	0.87	0.87	0.75	0.76	0.69	0.68	0.68	1.38
Colorado .....	0.91	0.84	0.75	0.87	0.82	0.88	0.86	0.75	1.43
Connecticut .....	1.07	0.98	0.92	0.84	0.84	0.80	0.79	0.79	1.46
Delaware .....	1.19	1.13	1.14	0.96	0.97	0.95	0.96	0.95	1.74
District of Columbia .....	2.02	1.85	1.97	1.87	1.77	1.58	1.57	1.57	4.45
Florida .....	1.00	1.00	1.04	0.92	0.97	0.94	0.89	0.89	1.56
Georgia .....	0.92	0.94	0.87	0.79	0.80	0.78	0.78	0.78	1.26
Hawaii .....	0.79	0.79	0.80	0.71	0.69	0.65	0.63	0.63	1.31
Idaho .....	0.58	0.56	0.59	0.57	0.57	0.56	0.54	0.54	0.84
Illinois .....	0.85	0.82	0.83	0.76	0.75	0.73	0.70	0.70	1.39
Indiana .....	0.66	0.63	0.64	0.60	0.59	0.64	0.59	0.59	0.79
Iowa .....	0.52	0.50	0.54	0.53	0.46	0.48	0.45	0.45	0.77
Kansas .....	0.56	0.54	0.53	0.57	0.55	0.52	0.49	0.49	0.73
Kentucky .....	0.59	0.56	0.60	0.57	0.56	0.56	0.55	0.55	0.87
Louisiana .....	0.69	0.72	0.78	0.74	0.74	0.73	0.73	0.69	1.08
Maine .....	0.91	0.85	0.82	0.77	0.78	0.79	0.77	0.77	1.08
Maryland .....	1.01	0.98	0.96	0.89	0.86	0.80	0.78	0.78	1.46
Massachusetts .....	1.07	1.02	0.97	0.87	0.83	0.80	0.81	0.80	1.41
Michigan .....	0.84	0.80	0.81	0.75	0.74	0.73	0.68	0.68	1.07
Minnesota .....	0.89	0.88	0.96	0.82	0.86	0.85	0.84	0.82	1.29
Mississippi .....	0.66	0.65	0.66	0.64	0.64	0.63	0.64	0.63	0.91
Missouri .....	0.69	0.69	0.70	0.64	0.69	0.67	0.67	0.64	1.00
Montana .....	0.76	0.72	0.77	0.76	0.75	0.73	0.70	0.70	1.12
Nebraska .....	0.65	0.62	0.64	0.61	0.62	0.60	0.58	0.58	1.02
Nevada .....	2.00	1.92	1.93	1.65	1.64	1.58	1.56	1.56	4.01
New Hampshire .....	1.94	1.99	1.98	1.97	1.96	2.02	1.90	1.90	3.10
New Jersey .....	0.93	0.96	0.95	0.82	0.84	0.80	0.80	0.80	1.38
New Mexico .....	0.67	0.65	0.68	0.65	0.67	0.64	0.61	0.61	1.01
New York .....	0.87	0.82	0.76	0.69	0.68	0.63	0.61	0.61	1.42
North Carolina .....	0.68	0.66	0.65	0.61	0.60	0.57	0.56	0.56	0.91
North Dakota .....	0.86	0.84	0.93	0.86	0.86	0.84	0.79	0.79	1.24
Ohio .....	0.54	0.50	0.53	0.51	0.50	0.50	0.38	0.38	0.81
Oklahoma .....	0.50	0.53	0.56	0.54	0.55	0.48	0.51	0.48	0.85
Oregon .....	0.71	0.69	0.73	0.67	0.67	0.65	0.63	0.63	0.98
Pennsylvania .....	0.53	0.56	0.55	0.52	0.51	0.48	0.47	0.47	0.83
Rhode Island .....	0.97	0.87	0.79	0.72	0.71	0.70	0.67	0.67	1.26
South Carolina .....	0.89	0.86	0.92	0.84	0.79	0.75	0.75	0.75	1.21
South Dakota .....	0.76	0.70	0.80	0.76	0.74	0.74	0.74	0.70	1.07
Tennessee .....	0.60	0.59	0.61	0.55	0.56	0.54	0.54	0.54	0.74
Texas .....	0.59	0.58	0.58	0.56	0.55	0.54	0.52	0.52	0.87
Utah .....	0.49	0.47	0.47	0.43	0.43	0.40	0.40	0.40	0.62
Vermont .....	0.93	0.88	0.86	0.82	0.78	0.74	0.74	0.74	1.87
Virginia .....	0.68	0.65	0.63	0.58	0.57	0.54	0.52	0.52	1.02
Washington .....	0.77	0.75	0.76	0.73	0.73	0.70	0.66	0.66	1.11
West Virginia .....	0.40	0.38	0.42	0.43	0.41	0.40	0.39	0.38	0.82
Wisconsin .....	0.95	0.95	1.03	0.84	0.91	0.90	0.92	0.84	1.43
Wyoming .....	0.84	0.82	0.93	0.90	0.92	0.87	0.84	0.82	1.36
Northeast Region .....	0.86	0.84	0.81	0.73	0.72	0.69	0.68	0.68	1.28
Midwest Region .....	0.74	0.71	0.74	0.68	0.68	0.67	0.63	0.63	1.03
South Region .....	0.74	0.73	0.74	0.69	0.70	0.67	0.65	0.65	1.03
West Region .....	0.87	0.84	0.84	0.77	0.77	0.72	0.70	0.70	1.29
United States .....	0.79	0.77	0.78	0.71	0.71	0.68	0.66	0.66	1.12

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

All Beverages

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama .....	1.38	1.52	1.61	1.69	1.80	1.88	1.89	1.96	1.97
Alaska .....	3.62	3.91	3.50	3.55	3.86	4.13	4.03	3.31	3.52
Arizona .....	2.73	2.82	2.91	3.00	3.06	3.06	3.17	3.10	3.25
Arkansas .....	1.43	1.47	1.47	1.56	1.66	1.64	1.66	1.65	1.82
California .....	3.11	3.19	3.16	3.21	3.33	3.33	3.36	3.25	3.36
Colorado .....	2.75	2.92	2.93	3.05	3.19	3.24	3.29	3.01	3.54
Connecticut .....	2.80	2.80	2.67	2.72	2.72	2.69	2.66	2.61	2.65
Delaware .....	3.12	3.18	3.07	3.04	3.00	2.98	2.92	2.91	2.91
District of Columbia .....	6.64	6.74	6.40	6.21	6.04	6.00	5.86	5.53	5.51
Florida .....	2.90	3.03	3.10	3.24	3.22	3.19	3.17	3.13	3.23
Georgia .....	1.95	2.07	2.18	2.11	2.23	2.30	2.39	2.47	2.59
Hawaii .....	2.48	2.45	2.52	2.82	2.98	3.15	3.19	3.23	3.15
Idaho .....	2.04	2.28	2.36	2.38	2.42	2.55	2.58	2.52	2.56
Illinois .....	2.82	2.92	2.85	2.88	2.94	2.99	2.94	2.87	2.88
Indiana .....	1.81	1.82	1.80	1.80	1.86	1.94	1.98	2.05	2.14
Iowa .....	1.83	1.89	1.88	1.98	2.09	2.13	2.15	2.17	2.22
Kansas .....	1.59	1.68	1.74	1.76	1.91	1.94	1.93	1.88	1.89
Kentucky .....	1.86	1.93	1.91	1.93	1.92	1.98	1.90	2.03	1.93
Louisiana .....	2.40	2.48	2.49	2.42	2.46	2.53	2.61	2.57	2.67
Maine .....	2.37	2.67	2.54	2.59	2.68	2.72	2.74	2.64	2.62
Maryland .....	2.95	3.00	2.95	3.02	3.10	3.14	3.12	3.05	3.09
Massachusetts .....	2.80	2.89	2.87	3.01	3.09	3.07	3.00	2.95	3.02
Michigan .....	2.68	2.69	2.70	2.73	2.74	2.77	2.79	2.71	2.74
Minnesota .....	2.53	2.65	2.49	2.63	2.74	2.70	2.71	2.65	2.69
Mississippi .....	1.61	1.76	1.82	1.85	1.94	1.98	2.01	2.05	2.18
Missouri .....	2.32	2.27	2.24	2.20	2.27	2.30	2.20	2.25	2.40
Montana .....	2.70	2.75	2.73	2.90	2.96	2.98	3.11	3.12	3.10
Nebraska .....	2.43	2.53	2.40	2.48	2.53	2.51	2.54	2.53	2.54
Nevada .....	5.58	5.69	5.95	6.36	6.49	6.77	6.92	6.84	6.70
New Hampshire .....	4.82	5.27	5.27	5.40	5.39	5.52	5.43	5.32	5.46
New Jersey .....	2.93	2.94	2.86	2.86	2.84	2.81	2.75	2.69	2.69
New Mexico .....	2.54	2.58	2.70	2.65	2.84	2.85	2.88	2.93	2.99
New York .....	3.00	3.01	2.81	2.93	2.91	2.89	2.83	2.74	2.77
North Carolina .....	1.79	1.88	1.88	1.94	2.01	2.05	2.09	2.05	2.12
North Dakota .....	2.34	2.43	2.52	2.59	2.71	2.73	2.75	2.62	2.76
Ohio .....	2.22	2.22	2.15	2.20	2.19	2.21	2.21	2.04	2.09
Oklahoma .....	1.76	1.77	1.76	1.87	1.87	1.99	1.91	1.98	2.04
Oregon .....	2.47	2.57	2.60	2.64	2.72	2.76	2.75	2.74	2.79
Pennsylvania .....	2.28	2.31	2.27	2.31	2.33	2.35	2.34	2.29	2.32
Rhode Island .....	2.83	2.91	2.93	2.93	3.06	3.12	3.07	2.93	3.07
South Carolina .....	2.04	2.16	2.22	2.29	2.36	2.39	2.52	2.49	2.59
South Dakota .....	1.97	2.10	2.09	2.21	2.24	2.28	2.37	2.38	2.42
Tennessee .....	1.52	1.64	1.70	1.83	1.88	1.92	1.91	1.91	1.99
Texas .....	2.22	2.29	2.34	2.39	2.50	2.56	2.58	2.58	2.68
Utah .....	1.44	1.50	1.52	1.56	1.61	1.63	1.68	1.70	1.72
Vermont .....	3.50	3.79	3.84	3.78	3.71	3.73	3.68	3.44	3.59
Virginia .....	2.33	2.29	2.16	2.28	2.31	2.35	2.32	2.30	2.33
Washington .....	2.66	2.73	2.67	2.76	2.85	2.90	2.95	2.89	2.96
West Virginia .....	1.64	1.73	1.71	1.76	1.79	1.85	1.85	1.85	1.84
Wisconsin .....	3.18	3.25	3.27	3.46	3.38	3.44	3.38	3.31	3.25
Wyoming .....	2.59	2.69	2.76	2.98	3.21	3.36	3.34	3.31	3.41
Northeast Region .....	2.79	2.84	2.73	2.80	2.81	2.81	2.76	2.69	2.73
Midwest Region .....	2.43	2.48	2.44	2.49	2.53	2.56	2.55	2.49	2.53
South Region .....	2.17	2.26	2.28	2.34	2.40	2.44	2.45	2.44	2.52
West Region .....	2.91	3.00	2.99	3.06	3.18	3.20	3.24	3.15	3.26
United States .....	2.52	2.59	2.56	2.62	2.67	2.69	2.69	2.64	2.71

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

All Beverages

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama .....	1.94	1.86	1.92	1.89	1.89	1.90	1.90	1.90	1.89
Alaska .....	3.62	3.76	4.10	4.05	4.06	3.86	3.78	3.51	3.46
Arizona .....	3.42	3.03	3.22	3.13	3.06	3.08	3.12	3.14	2.99
Arkansas .....	1.60	1.81	1.87	1.78	1.78	1.78	1.75	1.63	1.71
California .....	3.40	3.38	3.36	3.23	3.23	3.19	3.12	3.11	3.03
Colorado .....	3.52	3.35	3.33	3.28	3.15	3.09	3.15	2.87	2.80
Connecticut .....	2.72	2.70	2.67	2.73	2.82	2.80	2.84	2.79	2.79
Delaware .....	2.99	3.12	3.23	3.23	3.22	3.17	3.16	3.13	3.08
District of Columbia .....	5.49	5.42	5.49	5.39	5.41	5.34	4.94	4.75	4.85
Florida .....	3.34	3.22	3.31	3.29	3.19	3.12	3.04	2.96	2.95
Georgia .....	2.58	2.35	2.38	2.37	2.42	2.48	2.43	2.43	2.49
Hawaii .....	3.32	3.31	3.34	3.42	3.43	2.97	2.88	2.88	2.73
Idaho .....	2.66	2.60	2.70	2.58	2.51	2.43	2.42	2.33	2.26
Illinois .....	2.94	3.00	2.91	2.83	2.80	2.77	2.72	2.68	2.66
Indiana .....	2.18	2.21	2.25	2.23	2.19	2.19	2.19	2.14	2.13
Iowa .....	2.22	2.25	2.27	2.17	2.15	2.09	2.02	2.04	2.08
Kansas .....	2.01	1.96	2.05	2.02	1.96	1.95	1.96	1.88	1.84
Kentucky .....	1.97	1.91	1.99	1.99	1.94	1.85	1.86	1.84	1.76
Louisiana .....	2.70	2.71	2.77	2.78	2.75	2.63	2.49	2.42	2.34
Maine .....	2.65	2.67	2.57	2.63	2.63	2.57	2.56	2.56	2.55
Maryland .....	3.14	3.09	3.06	2.77	2.89	2.84	2.81	2.75	2.74
Massachusetts .....	3.04	3.19	3.17	3.07	3.07	3.04	3.01	2.96	2.93
Michigan .....	2.65	2.65	2.63	2.72	2.60	2.60	2.58	2.56	2.50
Minnesota .....	2.75	2.85	2.83	2.75	2.74	2.68	2.68	2.56	2.56
Mississippi .....	2.09	2.09	2.14	2.11	2.09	2.06	2.04	2.04	2.01
Missouri .....	2.43	2.44	2.45	2.38	2.37	2.27	2.36	2.36	2.35
Montana .....	3.29	3.21	3.28	3.17	3.09	2.95	2.81	2.73	2.67
Nebraska .....	2.57	2.64	2.66	2.37	2.49	2.41	2.37	2.28	2.27
Nevada .....	6.44	5.82	5.59	5.25	5.22	5.19	4.99	5.05	4.99
New Hampshire .....	5.20	5.76	4.92	4.81	5.08	4.91	4.73	4.51	4.41
New Jersey .....	2.71	2.83	2.87	2.87	2.86	2.83	2.81	2.77	2.72
New Mexico .....	3.02	2.99	3.01	3.00	3.00	2.75	2.83	2.70	2.64
New York .....	2.82	2.91	2.83	2.84	2.77	2.67	2.62	2.55	2.53
North Carolina .....	2.18	2.17	2.17	2.13	2.12	2.13	2.13	2.15	2.10
North Dakota .....	2.71	2.83	2.85	2.79	2.71	2.55	2.48	2.40	2.42
Ohio .....	2.26	2.33	2.25	2.28	2.22	2.26	2.20	2.17	2.17
Oklahoma .....	1.98	1.95	2.13	2.17	1.98	1.91	1.87	1.80	1.76
Oregon .....	2.82	2.82	2.80	2.74	2.69	2.63	2.57	2.54	2.50
Pennsylvania .....	2.37	2.39	2.37	2.36	2.29	2.25	2.22	2.23	2.20
Rhode Island .....	3.07	3.14	2.92	2.93	3.04	2.92	2.94	2.86	2.85
South Carolina .....	2.60	2.46	2.49	2.44	2.47	2.50	2.49	2.50	2.49
South Dakota .....	2.44	2.56	2.56	2.45	2.43	2.33	2.34	2.23	2.22
Tennessee .....	1.98	1.92	1.98	1.96	1.93	1.95	1.94	1.96	1.94
Texas .....	2.78	2.80	2.93	2.85	2.79	2.82	2.70	2.63	2.51
Utah .....	1.75	1.71	1.74	1.71	1.52	1.53	1.58	1.58	1.49
Vermont .....	3.54	3.30	3.32	3.24	3.21	3.12	3.13	3.17	3.11
Virginia .....	2.40	2.39	2.39	2.59	2.57	2.55	2.55	2.53	2.36
Washington .....	2.99	3.12	2.97	2.85	2.76	2.71	2.68	2.65	2.58
West Virginia .....	1.83	1.82	1.85	1.80	1.74	1.68	1.66	1.64	1.64
Wisconsin .....	3.33	3.46	3.47	3.27	3.33	3.19	3.19	3.16	3.11
Wyoming .....	3.38	3.42	3.42	3.25	2.98	2.86	2.84	2.64	2.56
Northeast Region .....	2.77	2.84	2.80	2.79	2.76	2.70	2.66	2.62	2.60
Midwest Region .....	2.58	2.63	2.61	2.56	2.53	2.50	2.48	2.44	2.42
South Region .....	2.55	2.51	2.58	2.55	2.52	2.51	2.46	2.42	2.37
West Region .....	3.31	3.26	3.26	3.15	3.11	3.05	3.02	2.98	2.90
United States .....	2.75	2.76	2.76	2.72	2.69	2.65	2.62	2.58	2.54

NOTE: Per capita consumption based on population age 14 or older.

**Table 2.** Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–94. (Continued)

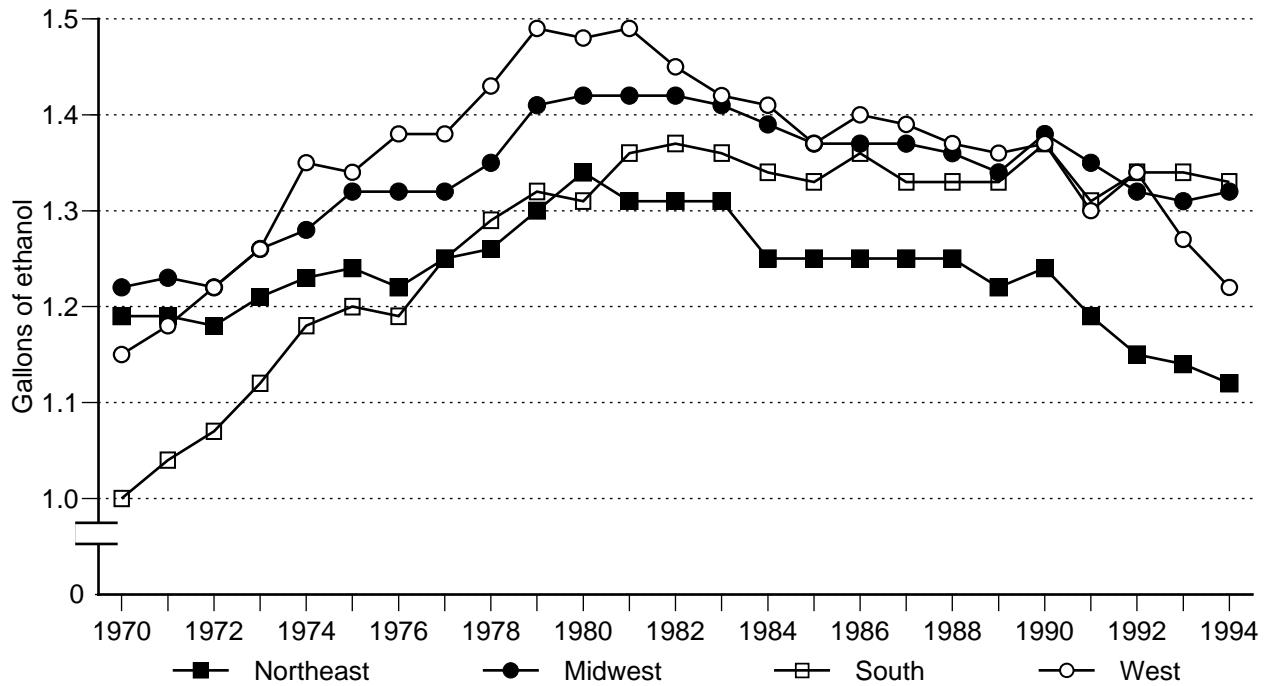
All Beverages

Geographic area	Year							Range	
	1988	1989	1990	1991	1992	1993	1994	Low Value	High Value
Alabama .....	1.89	1.87	1.93	1.77	1.80	1.88	1.88	1.38	1.97
Alaska .....	3.32	3.27	3.33	3.12	3.04	2.56	3.03	2.56	4.13
Arizona .....	2.94	2.89	2.77	2.75	2.76	2.73	2.65	2.65	3.42
Arkansas .....	1.74	1.78	1.87	1.82	1.92	1.82	1.68	1.43	1.92
California .....	2.90	2.79	2.78	2.46	2.55	2.35	2.24	2.24	3.40
Colorado .....	2.72	2.60	2.39	2.63	2.53	2.67	2.61	2.39	3.54
Connecticut .....	2.71	2.54	2.46	2.30	2.31	2.21	2.22	2.21	2.84
Delaware .....	3.03	2.91	2.97	2.71	2.75	2.78	2.79	2.71	3.23
District of Columbia .....	4.48	4.22	4.16	3.93	4.13	3.89	3.89	3.89	6.74
Florida .....	2.92	2.90	2.97	2.71	2.79	2.73	2.66	2.66	3.34
Georgia .....	2.40	2.37	2.32	2.18	2.24	2.23	2.18	1.95	2.59
Hawaii .....	2.86	2.76	2.86	2.68	2.63	2.53	2.48	2.45	3.43
Idaho .....	2.18	2.09	2.27	2.20	2.22	2.12	2.14	2.04	2.70
Illinois .....	2.64	2.56	2.63	2.49	2.45	2.41	2.38	2.38	3.00
Indiana .....	2.10	2.04	2.11	2.01	1.96	1.99	1.95	1.80	2.25
Iowa .....	1.99	1.94	2.07	2.01	1.92	1.88	1.86	1.83	2.27
Kansas .....	1.88	1.77	1.79	1.86	1.79	1.77	1.75	1.59	2.05
Kentucky .....	1.79	1.76	1.84	1.78	1.72	1.74	1.74	1.72	2.03
Louisiana .....	2.37	2.38	2.56	2.47	2.53	2.48	2.41	2.34	2.78
Maine .....	2.54	2.44	2.35	2.25	2.23	2.22	2.17	2.17	2.74
Maryland .....	2.62	2.54	2.51	2.34	2.26	2.19	2.15	2.15	3.14
Massachusetts .....	2.86	2.75	2.64	2.49	2.40	2.39	2.40	2.39	3.19
Michigan .....	2.47	2.38	2.42	2.27	2.22	2.20	2.13	2.13	2.79
Minnesota .....	2.49	2.43	2.56	2.35	2.37	2.35	2.38	2.35	2.85
Mississippi .....	2.03	2.00	2.10	2.06	2.09	2.12	2.01	1.61	2.18
Missouri .....	2.28	2.24	2.30	2.21	2.25	2.22	2.24	2.20	2.45
Montana .....	2.66	2.57	2.67	2.65	2.60	2.48	2.53	2.48	3.29
Nebraska .....	2.23	2.18	2.26	2.20	2.18	2.15	2.17	2.15	2.66
Nevada .....	4.91	4.83	4.81	4.36	4.32	4.18	4.15	4.15	6.92
New Hampshire .....	4.33	4.37	4.32	4.31	4.28	4.39	4.14	4.14	5.76
New Jersey .....	2.58	2.59	2.59	2.35	2.35	2.31	2.30	2.30	2.94
New Mexico .....	2.64	2.58	2.65	2.56	2.49	2.43	2.30	2.30	3.02
New York .....	2.47	2.36	2.31	2.15	2.11	2.00	1.96	1.96	3.01
North Carolina .....	2.09	2.06	2.09	1.97	1.98	1.96	1.94	1.79	2.18
North Dakota .....	2.43	2.38	2.58	2.45	2.41	2.38	2.35	2.34	2.85
Ohio .....	2.11	2.07	2.09	2.03	1.98	1.95	1.85	1.85	2.33
Oklahoma .....	1.69	1.70	1.81	1.77	1.82	1.71	1.80	1.69	2.17
Oregon .....	2.48	2.41	2.52	2.39	2.43	2.33	2.24	2.24	2.82
Pennsylvania .....	2.11	2.10	2.16	2.06	1.99	1.97	1.94	1.94	2.39
Rhode Island .....	2.85	2.69	2.55	2.43	2.36	2.31	2.33	2.31	3.14
South Carolina .....	2.51	2.47	2.63	2.42	2.34	2.32	2.31	2.04	2.63
South Dakota .....	2.13	2.09	2.35	2.28	2.27	2.23	2.28	1.97	2.56
Tennessee .....	1.95	1.90	1.97	1.87	1.91	1.89	1.88	1.52	1.99
Texas .....	2.47	2.46	2.48	2.40	2.46	2.35	2.34	2.22	2.93
Utah .....	1.45	1.42	1.40	1.36	1.36	1.32	1.28	1.28	1.75
Vermont .....	3.00	2.84	2.81	2.68	2.56	2.51	2.49	2.49	3.84
Virginia .....	2.24	2.19	2.19	2.07	2.11	2.06	2.00	2.00	2.59
Washington .....	2.49	2.45	2.50	2.40	2.45	2.28	2.24	2.24	3.12
West Virginia .....	1.64	1.60	1.72	1.70	1.66	1.67	1.64	1.60	1.85
Wisconsin .....	3.02	2.96	3.08	2.77	2.76	2.73	2.75	2.73	3.47
Wyoming .....	2.46	2.38	2.63	2.56	2.58	2.46	2.46	2.38	3.42
Northeast Region .....	2.52	2.44	2.42	2.27	2.22	2.17	2.14	2.14	2.84
Midwest Region .....	2.38	2.31	2.38	2.26	2.22	2.20	2.17	2.17	2.63
South Region .....	2.34	2.31	2.37	2.24	2.27	2.22	2.19	2.17	2.58
West Region .....	2.80	2.71	2.71	2.51	2.55	2.41	2.33	2.33	3.31
United States .....	2.48	2.42	2.45	2.30	2.31	2.25	2.21	2.21	2.76

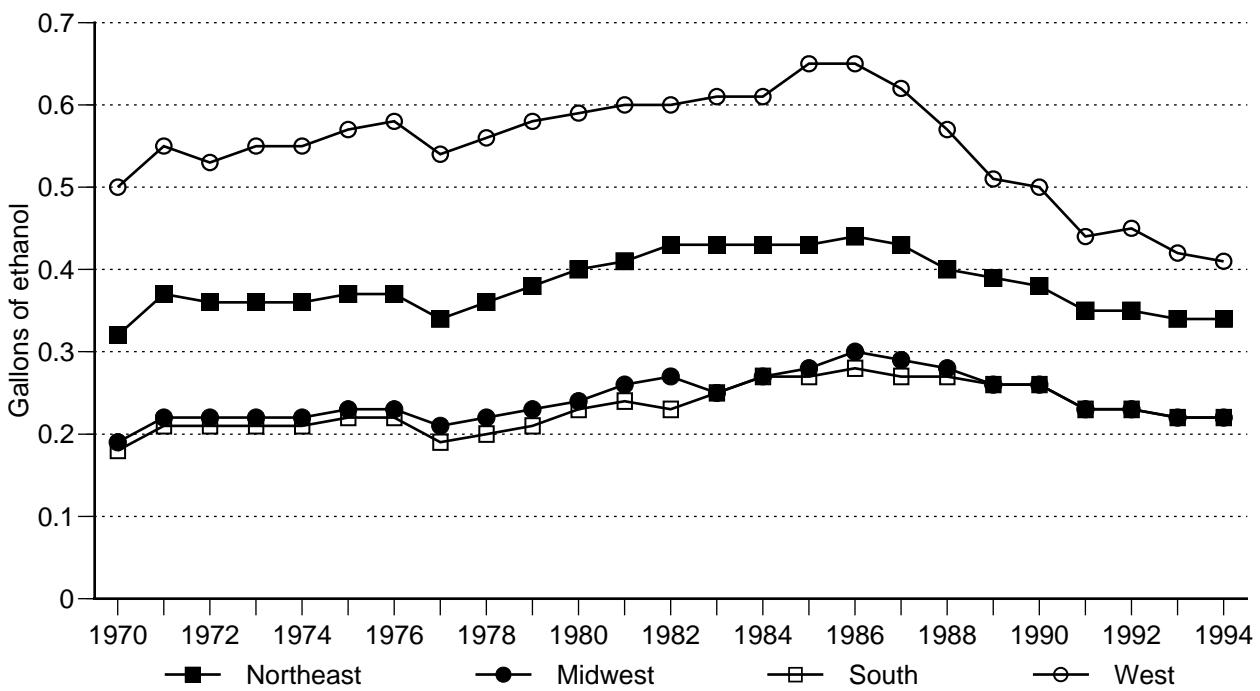
NOTE: Per capita consumption based on population age 14 or older.

Pages 21 through 28 (Figures 4 through 11) are omitted from this PDF document because of their file size. These figures are U.S. State-level maps. The file size of these 8 map pages is almost 3 times the size of the remainder of the data reference manual. Users who want the file containing these maps can find it on NIAAA's web site. The maps in this file are paginated so that they can be inserted into a hard copy of the data reference manual if users choose to print this document.

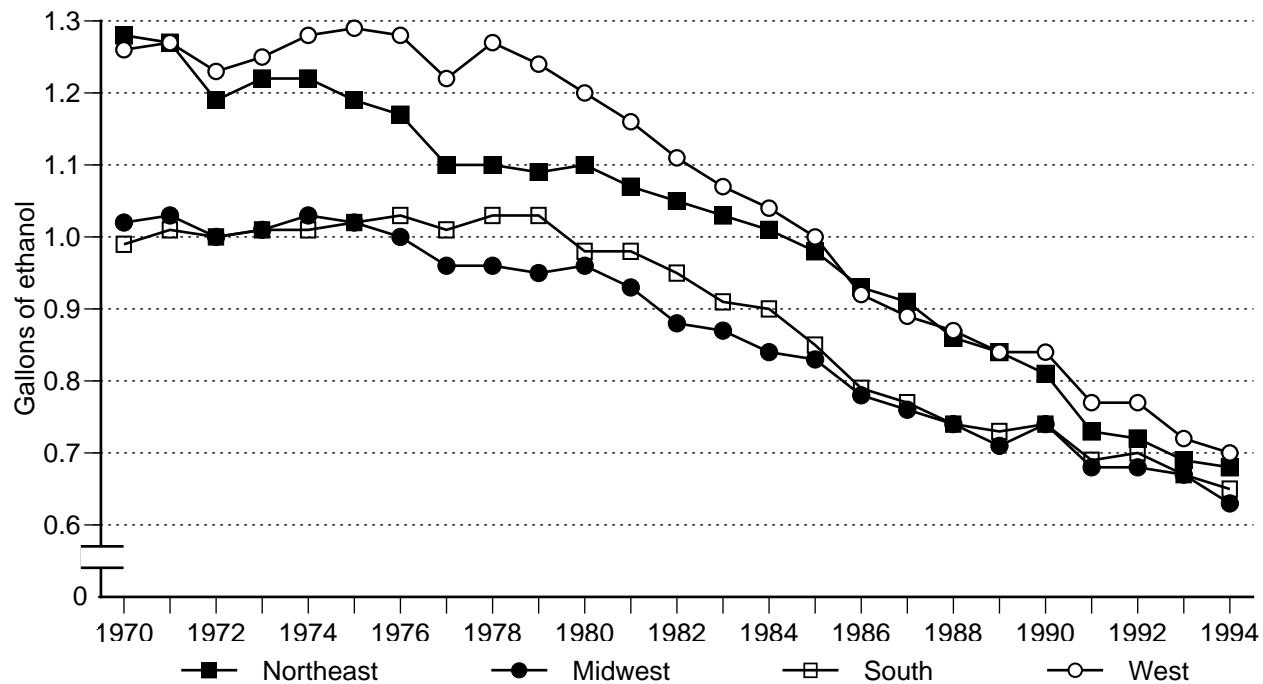
**Figure 12.** Per capita ethanol consumption from beer by region, United States, 1970–94.



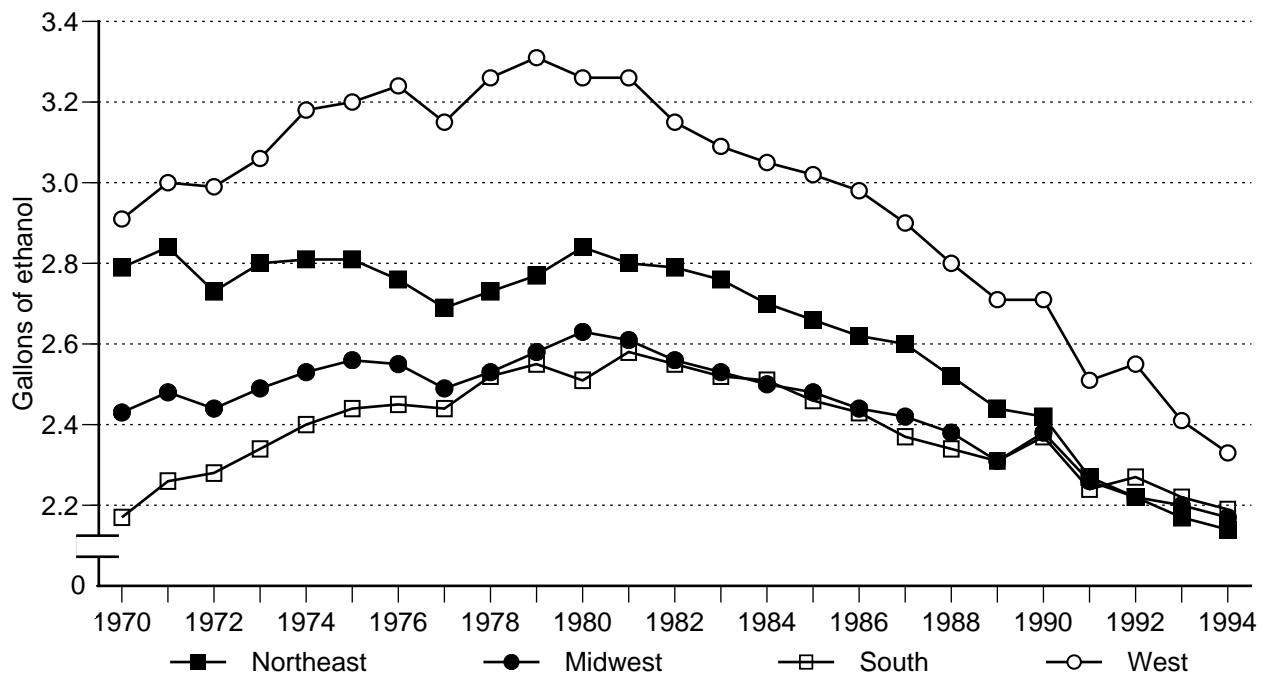
**Figure 13.** Per capita ethanol consumption from wine by region, United States, 1970–94.



**Figure 14.** Per capita ethanol consumption from spirits by region, United States, 1970–94.



**Figure 15.** Total per capita ethanol consumption by region, United States, 1970–94.



**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94.

**1970**

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	33,098	1,489	0.60	1,412	226	0.09	3,863	1,738	0.70	3,454	1.38
Alaska .....	5,372	242	1.18	470	75	0.37	945	425	2.07	742	3.62
Arizona .....	38,604	1,737	1.37	2,508	401	0.32	2,967	1,335	1.05	3,474	2.73
Arkansas .....	22,378	1,007	0.71	1,193	191	0.13	1,865	839	0.59	2,037	1.43
California .....	363,645	16,364	1.10	58,590	9,374	0.63	45,071	20,282	1.37	46,020	3.11
Colorado .....	42,145	1,897	1.18	3,132	501	0.31	4,494	2,022	1.26	4,420	2.75
Connecticut .....	49,680	2,236	1.00	4,726	756	0.34	7,277	3,275	1.46	6,266	2.80
Delaware .....	10,263	462	1.17	528	84	0.21	1,521	684	1.74	1,231	3.12
District of Columbia .....	17,887	805	1.39	2,976	476	0.82	5,730	2,578	4.44	3,860	6.64
Florida .....	125,228	5,635	1.09	9,539	1,526	0.30	17,402	7,831	1.52	14,992	2.90
Georgia .....	58,089	2,614	0.79	2,874	460	0.14	7,511	3,380	1.02	6,454	1.95
Hawaii .....	13,640	614	1.11	867	139	0.25	1,386	624	1.12	1,376	2.48
Idaho .....	13,635	614	1.20	312	50	0.10	853	384	0.75	1,047	2.04
Illinois .....	220,190	9,909	1.21	13,845	2,215	0.27	24,214	10,896	1.34	23,020	2.82
Indiana .....	84,042	3,782	1.00	2,807	449	0.12	5,773	2,598	0.69	6,829	1.81
Iowa .....	50,294	2,263	1.09	780	125	0.06	3,153	1,419	0.68	3,807	1.83
Kansas .....	31,852	1,433	0.85	963	154	0.09	2,410	1,084	0.65	2,672	1.59
Kentucky .....	49,079	2,209	0.93	1,222	196	0.08	4,420	1,989	0.84	4,393	1.86
Louisiana .....	68,578	3,086	1.20	4,593	735	0.29	5,195	2,338	0.91	6,159	2.40
Maine .....	19,981	899	1.24	439	70	0.10	1,668	751	1.03	1,720	2.37
Maryland .....	82,602	3,717	1.31	4,502	720	0.25	8,748	3,937	1.39	8,374	2.95
Massachusetts .....	107,655	4,844	1.15	7,925	1,268	0.30	12,732	5,729	1.35	11,842	2.80
Michigan .....	193,944	8,727	1.37	9,517	1,523	0.24	15,056	6,775	1.07	17,025	2.68
Minnesota .....	69,288	3,118	1.14	2,692	431	0.16	7,484	3,368	1.23	6,916	2.53
Mississippi .....	28,648	1,289	0.82	797	128	0.08	2,458	1,106	0.71	2,523	1.61
Missouri .....	86,940	3,912	1.12	4,228	676	0.19	7,724	3,476	1.00	8,065	2.32
Montana .....	17,179	773	1.54	418	67	0.13	1,145	515	1.03	1,355	2.70
Nebraska .....	31,183	1,403	1.28	902	144	0.13	2,463	1,108	1.01	2,656	2.43
Nevada .....	13,620	613	1.73	1,482	237	0.67	2,499	1,125	3.18	1,975	5.58
New Hampshire .....	20,079	904	1.68	1,058	169	0.32	3,371	1,517	2.82	2,590	4.82
New Jersey .....	138,322	6,224	1.17	12,629	2,021	0.38	16,289	7,330	1.38	15,575	2.93
New Mexico .....	18,665	840	1.20	1,597	256	0.36	1,530	688	0.98	1,784	2.54
New York .....	357,617	16,093	1.18	33,994	5,439	0.40	43,365	19,514	1.42	41,046	3.00
North Carolina .....	59,386	2,672	0.72	3,688	590	0.16	7,584	3,413	0.91	6,675	1.79
North Dakota .....	12,038	542	1.21	299	48	0.11	1,009	454	1.02	1,044	2.34
Ohio .....	209,830	9,442	1.22	9,062	1,450	0.19	14,046	6,321	0.81	17,213	2.22
Oklahoma .....	33,200	1,494	0.78	1,749	280	0.15	3,568	1,606	0.84	3,379	1.76
Oregon .....	40,798	1,836	1.17	3,841	615	0.39	3,135	1,411	0.90	3,861	2.47
Pennsylvania .....	248,341	11,175	1.26	10,675	1,708	0.19	16,188	7,285	0.82	20,168	2.28
Rhode Island .....	20,360	916	1.28	1,688	270	0.38	1,867	840	1.17	2,026	2.83
South Carolina .....	32,897	1,480	0.80	1,802	288	0.16	4,484	2,018	1.09	3,786	2.04
South Dakota .....	9,993	450	0.93	402	64	0.13	972	437	0.90	951	1.97
Tennessee .....	56,240	2,531	0.87	1,160	186	0.06	3,766	1,695	0.58	4,411	1.52
Texas .....	236,125	10,626	1.31	8,770	1,403	0.17	13,282	5,977	0.74	18,006	2.22
Utah .....	12,215	550	0.75	559	89	0.12	927	417	0.57	1,056	1.44
Vermont .....	9,906	446	1.38	778	124	0.39	1,240	558	1.73	1,128	3.50
Virginia .....	84,553	3,805	1.11	4,373	700	0.20	7,717	3,473	1.02	7,977	2.33
Washington .....	66,838	3,008	1.19	6,148	984	0.39	6,024	2,711	1.08	6,702	2.66
West Virginia .....	25,117	1,130	0.87	722	116	0.09	1,996	898	0.69	2,144	1.64
Wisconsin .....	121,486	5,467	1.71	4,332	693	0.22	8,867	3,990	1.25	10,150	3.18
Wyoming .....	6,867	309	1.28	236	38	0.16	616	277	1.15	624	2.59
Northeast Region .....	971,941	43,737	1.19	73,912	11,826	0.32	103,997	46,799	1.28	102,362	2.79
Midwest Region .....	1,121,080	50,449	1.22	49,829	7,973	0.19	93,171	41,927	1.02	100,348	2.43
South Region .....	1,023,368	46,052	1.00	51,900	8,304	0.18	101,110	45,500	0.99	99,855	2.17
West Region .....	653,223	29,395	1.15	80,160	12,826	0.50	71,592	32,216	1.26	74,437	2.91
United States .....	3,769,612	169,633	1.14	255,801	40,928	0.27	369,870	166,442	1.11	377,002	2.52

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1971

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	37,598	1,692	0.66	1,504	241	0.09	4,332	1,949	0.76	3,882	1.52
Alaska .....	6,336	285	1.33	582	93	0.43	1,029	463	2.15	841	3.91
Arizona .....	41,837	1,883	1.38	2,999	480	0.35	3,274	1,473	1.08	3,836	2.82
Arkansas .....	25,020	1,126	0.77	1,258	201	0.14	1,815	817	0.56	2,144	1.47
California .....	380,397	17,118	1.13	64,162	10,266	0.68	46,657	20,996	1.38	48,379	3.19
Colorado .....	45,359	2,041	1.21	3,983	637	0.38	4,993	2,247	1.33	4,925	2.92
Connecticut .....	50,381	2,267	0.99	5,240	838	0.37	7,318	3,293	1.44	6,399	2.80
Delaware .....	10,948	493	1.20	604	97	0.24	1,579	711	1.74	1,300	3.18
District of Columbia .....	17,597	792	1.37	3,288	526	0.91	5,707	2,568	4.45	3,886	6.74
Florida .....	143,345	6,451	1.18	11,174	1,788	0.33	18,414	8,286	1.52	16,525	3.03
Georgia .....	64,879	2,920	0.86	2,636	422	0.12	8,185	3,683	1.08	7,025	2.07
Hawaii .....	14,725	663	1.15	1,332	213	0.37	1,200	540	0.93	1,416	2.45
Idaho .....	14,883	670	1.26	863	138	0.26	910	410	0.77	1,217	2.28
Illinois .....	224,559	10,105	1.22	16,297	2,608	0.32	25,466	11,460	1.39	24,172	2.92
Indiana .....	85,908	3,866	1.01	3,210	514	0.13	5,825	2,621	0.68	7,001	1.82
Iowa .....	51,902	2,336	1.10	957	153	0.07	3,335	1,501	0.71	3,989	1.89
Kansas .....	33,646	1,514	0.89	1,080	173	0.10	2,598	1,169	0.69	2,856	1.68
Kentucky .....	52,139	2,346	0.97	1,516	243	0.10	4,664	2,099	0.87	4,688	1.93
Louisiana .....	68,724	3,093	1.18	5,436	870	0.33	5,702	2,566	0.97	6,528	2.48
Maine .....	21,206	954	1.28	1,867	299	0.40	1,650	742	0.99	1,995	2.67
Maryland .....	83,812	3,772	1.28	5,213	834	0.28	9,377	4,220	1.44	8,825	3.00
Massachusetts .....	110,110	4,955	1.15	10,051	1,608	0.37	13,089	5,890	1.37	12,453	2.89
Michigan .....	195,328	8,790	1.35	11,246	1,799	0.28	15,374	6,918	1.06	17,507	2.69
Minnesota .....	71,779	3,230	1.15	3,564	570	0.20	8,054	3,624	1.29	7,425	2.65
Mississippi .....	32,566	1,465	0.91	1,022	164	0.10	2,679	1,206	0.75	2,835	1.76
Missouri .....	89,253	4,016	1.13	4,124	660	0.19	7,436	3,346	0.94	8,022	2.27
Montana .....	17,946	808	1.55	477	76	0.15	1,211	545	1.05	1,429	2.75
Nebraska .....	33,508	1,508	1.35	1,126	180	0.16	2,546	1,146	1.02	2,834	2.53
Nevada .....	14,492	652	1.74	1,683	269	0.72	2,690	1,210	3.23	2,132	5.69
New Hampshire .....	22,200	999	1.79	1,385	222	0.40	3,828	1,723	3.09	2,943	5.27
New Jersey .....	139,962	6,298	1.16	14,333	2,293	0.42	16,440	7,398	1.36	15,990	2.94
New Mexico .....	20,613	928	1.26	1,761	282	0.38	1,528	688	0.94	1,897	2.58
New York .....	357,646	16,094	1.16	38,515	6,162	0.44	43,333	19,500	1.41	41,756	3.01
North Carolina .....	66,203	2,979	0.78	4,673	748	0.20	7,710	3,470	0.91	7,196	1.88
North Dakota .....	12,831	577	1.26	354	57	0.12	1,073	483	1.05	1,117	2.43
Ohio .....	209,719	9,437	1.20	10,567	1,691	0.21	14,150	6,368	0.81	17,496	2.22
Oklahoma .....	35,000	1,575	0.80	2,111	338	0.17	3,520	1,584	0.80	3,497	1.77
Oregon .....	43,433	1,954	1.21	4,553	728	0.45	3,276	1,474	0.91	4,157	2.57
Pennsylvania .....	253,364	11,401	1.27	12,131	1,941	0.22	16,558	7,451	0.83	20,793	2.31
Rhode Island .....	20,690	931	1.28	2,057	329	0.45	1,904	857	1.18	2,117	2.91
South Carolina .....	36,498	1,642	0.86	2,296	367	0.19	4,727	2,127	1.11	4,137	2.16
South Dakota .....	10,685	481	0.97	486	78	0.16	1,065	479	0.97	1,038	2.10
Tennessee .....	62,180	2,798	0.94	1,932	309	0.10	3,966	1,785	0.60	4,892	1.64
Texas .....	253,171	11,393	1.36	10,162	1,626	0.19	13,643	6,139	0.74	19,158	2.29
Utah .....	12,961	583	0.77	709	113	0.15	984	443	0.58	1,139	1.50
Vermont .....	11,083	499	1.51	986	158	0.48	1,328	598	1.81	1,254	3.79
Virginia .....	81,473	3,666	1.04	5,054	809	0.23	7,915	3,562	1.01	8,037	2.29
Washington .....	70,009	3,150	1.23	6,979	1,117	0.44	6,058	2,726	1.06	6,993	2.73
West Virginia .....	26,169	1,178	0.89	844	135	0.10	2,204	992	0.75	2,304	1.73
Wisconsin .....	126,195	5,679	1.74	5,063	810	0.25	9,145	4,115	1.26	10,604	3.25
Wyoming .....	7,316	329	1.32	286	46	0.18	653	294	1.18	669	2.69
Northeast Region .....	986,642	44,399	1.19	86,565	13,850	0.37	105,448	47,452	1.27	105,701	2.84
Midwest Region .....	1,145,313	51,539	1.23	58,074	9,292	0.22	96,067	43,230	1.03	104,061	2.48
South Region .....	1,097,322	49,379	1.04	60,723	9,716	0.21	106,139	47,763	1.01	106,858	2.26
West Region .....	690,307	31,064	1.18	90,369	14,459	0.55	74,463	33,508	1.27	79,031	3.00
United States .....	3,919,584	176,381	1.15	295,731	47,317	0.31	382,117	171,953	1.12	395,651	2.59

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1972

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	42,719	1,922	0.74	1,587	230	0.09	4,707	2,024	0.78	4,176	1.61
Alaska .....	6,038	272	1.22	634	92	0.41	972	418	1.87	782	3.50
Arizona .....	47,949	2,158	1.49	3,398	493	0.34	3,603	1,549	1.07	4,200	2.91
Arkansas .....	25,614	1,153	0.77	1,372	199	0.13	1,999	860	0.57	2,211	1.47
California .....	401,928	18,087	1.17	70,363	10,203	0.66	47,930	20,610	1.33	48,899	3.16
Colorado .....	50,444	2,270	1.28	4,506	653	0.37	5,280	2,270	1.28	5,194	2.93
Connecticut .....	49,282	2,218	0.96	5,495	797	0.34	7,377	3,172	1.37	6,187	2.67
Delaware .....	11,338	510	1.21	754	109	0.26	1,558	670	1.60	1,289	3.07
District of Columbia .....	17,165	772	1.34	3,543	514	0.89	5,566	2,393	4.16	3,680	6.40
Florida .....	159,410	7,173	1.25	12,953	1,878	0.33	20,229	8,698	1.52	17,750	3.10
Georgia .....	69,731	3,138	0.90	3,758	545	0.16	9,079	3,904	1.12	7,587	2.18
Hawaii .....	15,965	718	1.20	1,103	160	0.27	1,481	637	1.06	1,515	2.52
Idaho .....	16,465	741	1.34	1,043	151	0.27	969	417	0.75	1,309	2.36
Illinois .....	224,590	10,107	1.21	17,932	2,600	0.31	25,946	11,157	1.33	23,863	2.85
Indiana .....	86,690	3,901	1.00	3,340	484	0.12	6,090	2,619	0.67	7,004	1.80
Iowa .....	53,119	2,390	1.12	1,177	171	0.08	3,426	1,473	0.69	4,034	1.88
Kansas .....	36,662	1,650	0.96	1,335	194	0.11	2,661	1,144	0.67	2,988	1.74
Kentucky .....	54,099	2,434	0.99	1,672	242	0.10	4,699	2,021	0.82	4,697	1.91
Louisiana .....	72,811	3,276	1.22	5,690	825	0.31	5,998	2,579	0.96	6,681	2.49
Maine .....	22,347	1,006	1.31	1,253	182	0.24	1,755	755	0.99	1,942	2.54
Maryland .....	83,732	3,768	1.25	6,128	889	0.30	9,829	4,226	1.40	8,883	2.95
Massachusetts .....	113,369	5,102	1.17	10,882	1,578	0.36	13,610	5,852	1.34	12,532	2.87
Michigan .....	201,363	9,061	1.37	12,391	1,797	0.27	16,219	6,974	1.06	17,832	2.70
Minnesota .....	71,296	3,208	1.13	3,911	567	0.20	7,735	3,326	1.17	7,101	2.49
Mississippi .....	34,663	1,560	0.95	1,292	187	0.11	2,879	1,238	0.75	2,985	1.82
Missouri .....	90,158	4,057	1.13	4,705	682	0.19	7,662	3,295	0.92	8,034	2.24
Montana .....	17,988	809	1.52	588	85	0.16	1,295	557	1.05	1,452	2.73
Nebraska .....	32,124	1,446	1.27	1,224	177	0.16	2,577	1,108	0.97	2,731	2.40
Nevada .....	15,880	715	1.81	1,983	288	0.73	3,134	1,348	3.41	2,350	5.95
New Hampshire .....	22,877	1,029	1.79	1,494	217	0.38	4,143	1,781	3.10	3,028	5.27
New Jersey .....	137,527	6,189	1.12	15,733	2,281	0.41	17,060	7,336	1.33	15,806	2.86
New Mexico .....	23,264	1,047	1.38	1,822	264	0.35	1,725	742	0.98	2,053	2.70
New York .....	353,893	15,925	1.14	41,985	6,088	0.44	40,225	17,297	1.24	39,310	2.81
North Carolina .....	69,684	3,136	0.80	5,718	829	0.21	7,894	3,394	0.87	7,359	1.88
North Dakota .....	13,199	594	1.27	517	75	0.16	1,190	512	1.09	1,181	2.52
Ohio .....	208,787	9,395	1.18	10,970	1,591	0.20	14,379	6,183	0.78	17,169	2.15
Oklahoma .....	38,245	1,721	0.86	2,047	297	0.15	3,504	1,507	0.75	3,525	1.76
Oregon .....	45,650	2,054	1.24	5,330	773	0.47	3,452	1,484	0.89	4,311	2.60
Pennsylvania .....	255,074	11,478	1.27	13,395	1,942	0.21	16,772	7,212	0.80	20,633	2.27
Rhode Island .....	22,186	998	1.35	2,152	312	0.42	2,002	861	1.16	2,171	2.93
South Carolina .....	40,087	1,804	0.92	2,886	418	0.21	4,947	2,127	1.09	4,350	2.22
South Dakota .....	11,426	514	1.02	560	81	0.16	1,069	460	0.91	1,055	2.09
Tennessee .....	65,465	2,946	0.97	2,342	340	0.11	4,435	1,907	0.63	5,193	1.70
Texas .....	266,795	12,006	1.40	11,867	1,721	0.20	14,608	6,281	0.73	20,008	2.34
Utah .....	13,920	626	0.79	809	117	0.15	1,053	453	0.57	1,196	1.52
Vermont .....	11,549	520	1.53	1,045	152	0.45	1,464	630	1.86	1,301	3.84
Virginia .....	77,534	3,489	0.97	5,256	762	0.21	8,169	3,513	0.98	7,764	2.16
Washington .....	70,895	3,190	1.24	7,654	1,110	0.43	5,978	2,571	1.00	6,871	2.67
West Virginia .....	26,475	1,191	0.88	910	132	0.10	2,305	991	0.73	2,314	1.71
Wisconsin .....	128,725	5,793	1.74	6,057	878	0.26	9,849	4,235	1.27	10,906	3.27
Wyoming .....	7,950	358	1.40	338	49	0.19	697	300	1.17	706	2.76
Northeast Region .....	988,104	44,465	1.18	93,434	13,548	0.36	104,408	44,895	1.19	102,908	2.73
Midwest Region .....	1,158,139	52,116	1.22	64,119	9,297	0.22	98,803	42,485	1.00	103,899	2.44
South Region .....	1,155,567	52,001	1.07	69,775	10,117	0.21	112,405	48,334	1.00	110,452	2.28
West Region .....	734,336	33,045	1.22	99,571	14,438	0.53	77,569	33,355	1.23	80,838	2.99
United States .....	4,036,146	181,627	1.17	326,899	47,400	0.30	393,185	169,070	1.09	398,096	2.56

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1973

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	46,203	2,079	0.79	1,846	268	0.10	4,869	2,094	0.79	4,440	1.69
Alaska .....	6,453	290	1.26	685	99	0.43	1,003	431	1.87	821	3.55
Arizona .....	53,380	2,402	1.57	3,580	519	0.34	3,871	1,665	1.09	4,586	3.00
Arkansas .....	27,946	1,258	0.82	1,367	198	0.13	2,176	936	0.61	2,391	1.56
California .....	417,463	18,786	1.19	73,625	10,676	0.68	49,052	21,092	1.34	50,554	3.21
Colorado .....	55,332	2,490	1.34	4,956	719	0.39	5,710	2,455	1.32	5,664	3.05
Connecticut .....	53,187	2,393	1.02	5,586	810	0.35	7,356	3,163	1.35	6,366	2.72
Delaware .....	11,569	521	1.22	795	115	0.27	1,543	663	1.55	1,299	3.04
District of Columbia .....	17,662	795	1.39	3,630	526	0.92	5,162	2,220	3.89	3,541	6.21
Florida .....	179,240	8,066	1.33	14,260	2,068	0.34	22,002	9,461	1.56	19,594	3.24
Georgia .....	73,708	3,317	0.93	3,971	576	0.16	8,429	3,624	1.02	7,517	2.11
Hawaii .....	17,360	781	1.25	1,377	200	0.32	1,809	778	1.25	1,759	2.82
Idaho .....	17,435	785	1.38	1,010	146	0.26	982	422	0.74	1,353	2.38
Illinois .....	228,162	10,267	1.22	18,401	2,668	0.32	26,360	11,335	1.35	24,270	2.88
Indiana .....	89,019	4,006	1.01	4,211	611	0.15	5,815	2,500	0.63	7,117	1.80
Iowa .....	56,131	2,526	1.17	1,286	186	0.09	3,662	1,575	0.73	4,287	1.98
Kansas .....	37,830	1,702	0.98	1,263	183	0.11	2,748	1,182	0.68	3,067	1.76
Kentucky .....	55,946	2,518	1.01	1,712	248	0.10	4,793	2,061	0.83	4,827	1.93
Louisiana .....	75,935	3,417	1.26	3,959	574	0.21	6,058	2,605	0.96	6,596	2.42
Maine .....	23,431	1,054	1.35	1,235	179	0.23	1,822	783	1.01	2,017	2.59
Maryland .....	87,821	3,952	1.29	6,418	931	0.30	10,136	4,358	1.42	9,241	3.02
Massachusetts .....	123,668	5,565	1.25	11,391	1,652	0.37	14,299	6,149	1.39	13,365	3.01
Michigan .....	209,687	9,436	1.41	12,826	1,860	0.28	16,273	6,997	1.04	18,293	2.73
Minnesota .....	78,501	3,533	1.22	3,927	569	0.20	8,224	3,536	1.22	7,638	2.63
Mississippi .....	36,663	1,650	0.98	1,216	176	0.10	2,990	1,286	0.76	3,112	1.85
Missouri .....	92,781	4,175	1.15	4,930	715	0.20	7,198	3,095	0.85	7,985	2.20
Montana .....	19,990	900	1.66	636	92	0.17	1,355	583	1.07	1,574	2.90
Nebraska .....	34,952	1,573	1.36	1,144	166	0.14	2,645	1,137	0.98	2,876	2.48
Nevada .....	17,493	787	1.92	2,212	321	0.78	3,489	1,500	3.66	2,608	6.36
New Hampshire .....	25,242	1,136	1.92	1,607	233	0.39	4,268	1,835	3.09	3,204	5.40
New Jersey .....	143,510	6,458	1.16	15,642	2,268	0.41	16,690	7,177	1.29	15,903	2.86
New Mexico .....	23,880	1,075	1.37	1,798	261	0.33	1,737	747	0.95	2,082	2.65
New York .....	359,001	16,155	1.16	43,275	6,275	0.45	42,890	18,443	1.32	40,873	2.93
North Carolina .....	77,354	3,481	0.87	5,646	819	0.20	8,055	3,464	0.87	7,763	1.94
North Dakota .....	13,483	607	1.28	482	70	0.15	1,285	553	1.16	1,229	2.59
Ohio .....	217,720	9,797	1.21	10,961	1,589	0.20	14,746	6,341	0.79	17,728	2.20
Oklahoma .....	41,044	1,847	0.90	2,368	343	0.17	3,797	1,633	0.80	3,823	1.87
Oregon .....	46,200	2,079	1.22	5,719	829	0.49	3,684	1,584	0.93	4,492	2.64
Pennsylvania .....	261,673	11,775	1.29	13,365	1,938	0.21	17,102	7,354	0.81	21,067	2.31
Rhode Island .....	21,898	985	1.32	2,162	313	0.42	2,059	885	1.19	2,184	2.93
South Carolina .....	44,376	1,997	1.00	2,751	399	0.20	5,084	2,186	1.09	4,582	2.29
South Dakota .....	11,749	529	1.04	561	81	0.16	1,204	518	1.02	1,128	2.21
Tennessee .....	70,858	3,189	1.03	2,486	360	0.12	4,913	2,113	0.68	5,662	1.83
Texas .....	282,354	12,706	1.45	12,143	1,761	0.20	15,263	6,563	0.75	21,030	2.39
Utah .....	14,919	671	0.82	869	126	0.15	1,107	476	0.58	1,273	1.56
Vermont .....	11,142	501	1.45	1,090	158	0.46	1,500	645	1.87	1,304	3.78
Virginia .....	84,386	3,797	1.03	6,433	933	0.25	8,482	3,647	0.99	8,377	2.28
Washington .....	75,385	3,392	1.30	7,684	1,114	0.43	6,290	2,705	1.03	7,211	2.76
West Virginia .....	27,569	1,241	0.91	884	128	0.09	2,387	1,026	0.75	2,395	1.76
Wisconsin .....	133,792	6,021	1.77	6,042	876	0.26	11,265	4,844	1.43	11,741	3.46
Wyoming .....	9,013	406	1.54	359	52	0.20	758	326	1.24	784	2.98
Northeast Region .....	1,022,752	46,024	1.21	95,353	13,826	0.36	107,986	46,434	1.22	106,284	2.80
Midwest Region .....	1,203,807	54,171	1.26	66,034	9,575	0.22	101,425	43,613	1.01	107,359	2.49
South Region .....	1,240,634	55,829	1.12	71,885	10,423	0.21	116,139	49,940	1.01	116,192	2.34
West Region .....	774,303	34,844	1.26	104,510	15,154	0.55	80,847	34,764	1.25	84,762	3.06
United States .....	4,241,496	190,867	1.20	337,782	48,978	0.31	406,397	174,751	1.10	414,596	2.62

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1974

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	49,769	2,240	0.83	2,912	422	0.16	5,060	2,176	0.81	4,838	1.80
Alaska .....	7,598	342	1.41	787	114	0.47	1,112	478	1.98	934	3.86
Arizona .....	58,188	2,618	1.63	3,677	533	0.33	4,081	1,755	1.09	4,906	3.06
Arkansas .....	30,915	1,391	0.89	1,363	198	0.13	2,355	1,013	0.65	2,601	1.66
California .....	464,237	20,891	1.30	75,542	10,954	0.68	50,685	21,795	1.35	53,639	3.33
Colorado .....	60,162	2,707	1.42	5,121	743	0.39	6,075	2,612	1.37	6,062	3.19
Connecticut .....	54,753	2,464	1.04	5,694	826	0.35	7,407	3,185	1.34	6,475	2.72
Delaware .....	11,892	535	1.23	779	113	0.26	1,521	654	1.51	1,302	3.00
District of Columbia .....	17,390	783	1.39	3,478	504	0.89	4,932	2,121	3.76	3,408	6.04
Florida .....	194,347	8,746	1.38	14,234	2,064	0.32	22,469	9,662	1.52	20,471	3.22
Georgia .....	79,797	3,591	0.99	3,869	561	0.15	9,181	3,948	1.09	8,100	2.23
Hawaii .....	18,910	851	1.33	1,462	212	0.33	1,947	837	1.31	1,900	2.98
Idaho .....	18,252	821	1.39	1,040	151	0.26	1,056	454	0.77	1,426	2.42
Illinois .....	239,982	10,799	1.27	19,118	2,772	0.33	26,411	11,357	1.34	24,928	2.94
Indiana .....	89,584	4,031	1.01	3,584	520	0.13	6,755	2,905	0.73	7,456	1.86
Iowa .....	60,997	2,745	1.25	1,311	190	0.09	3,828	1,646	0.75	4,581	2.09
Kansas .....	42,311	1,904	1.08	1,467	213	0.12	2,906	1,250	0.71	3,366	1.91
Kentucky .....	57,021	2,566	1.01	1,678	243	0.10	4,827	2,076	0.82	4,885	1.92
Louisiana .....	79,194	3,564	1.29	3,948	572	0.21	6,215	2,672	0.97	6,809	2.46
Maine .....	24,638	1,109	1.40	1,289	187	0.24	1,928	829	1.05	2,125	2.68
Maryland .....	92,354	4,156	1.34	6,759	980	0.32	10,473	4,503	1.45	9,639	3.10
Massachusetts .....	130,389	5,868	1.31	11,294	1,638	0.37	14,707	6,324	1.41	13,829	3.09
Michigan .....	212,142	9,546	1.40	13,107	1,901	0.28	16,662	7,165	1.05	18,612	2.74
Minnesota .....	84,131	3,786	1.28	3,982	577	0.20	8,637	3,714	1.26	8,077	2.74
Mississippi .....	38,868	1,749	1.02	1,287	187	0.11	3,199	1,376	0.81	3,311	1.94
Missouri .....	96,242	4,331	1.18	4,644	673	0.18	7,771	3,342	0.91	8,346	2.27
Montana .....	20,948	943	1.70	648	94	0.17	1,414	608	1.10	1,645	2.96
Nebraska .....	36,113	1,625	1.38	1,157	168	0.14	2,774	1,193	1.01	2,986	2.53
Nevada .....	19,037	857	1.99	2,408	349	0.81	3,686	1,585	3.69	2,791	6.49
New Hampshire .....	26,906	1,211	1.99	1,719	249	0.41	4,233	1,820	2.99	3,280	5.39
New Jersey .....	145,106	6,530	1.16	15,907	2,307	0.41	16,527	7,107	1.26	15,943	2.84
New Mexico .....	27,704	1,247	1.54	1,860	270	0.33	1,846	794	0.98	2,310	2.84
New York .....	364,337	16,395	1.17	42,114	6,107	0.44	42,279	18,180	1.30	40,682	2.91
North Carolina .....	84,951	3,823	0.94	5,777	838	0.21	8,225	3,537	0.87	8,197	2.01
North Dakota .....	14,179	638	1.33	469	68	0.14	1,384	595	1.24	1,301	2.71
Ohio .....	218,891	9,850	1.21	10,739	1,557	0.19	14,976	6,440	0.79	17,847	2.19
Oklahoma .....	44,328	1,995	0.96	1,937	281	0.14	3,752	1,613	0.78	3,889	1.87
Oregon .....	49,082	2,209	1.27	6,191	898	0.52	3,801	1,634	0.94	4,741	2.72
Pennsylvania .....	265,549	11,950	1.30	14,066	2,040	0.22	17,216	7,403	0.81	21,392	2.33
Rhode Island .....	22,203	999	1.37	2,157	313	0.43	2,120	912	1.25	2,224	3.06
South Carolina .....	48,676	2,190	1.06	2,739	397	0.19	5,272	2,267	1.10	4,855	2.36
South Dakota .....	12,225	550	1.07	580	84	0.16	1,209	520	1.01	1,154	2.24
Tennessee .....	74,854	3,368	1.07	2,488	361	0.11	5,133	2,207	0.70	5,936	1.88
Texas .....	305,184	13,733	1.53	12,178	1,766	0.20	16,289	7,004	0.78	22,503	2.50
Utah .....	16,633	748	0.90	821	119	0.14	1,116	480	0.57	1,347	1.61
Vermont .....	10,830	487	1.39	1,168	169	0.48	1,505	647	1.84	1,304	3.71
Virginia .....	91,820	4,132	1.10	5,807	842	0.22	8,592	3,695	0.98	8,668	2.31
Washington .....	79,661	3,585	1.34	8,110	1,176	0.44	6,702	2,882	1.07	7,643	2.85
West Virginia .....	27,964	1,258	0.92	877	127	0.09	2,498	1,074	0.78	2,460	1.79
Wisconsin .....	136,807	6,156	1.78	6,104	885	0.26	10,765	4,629	1.34	11,670	3.38
Wyoming .....	10,314	464	1.70	388	56	0.21	830	357	1.31	877	3.21
Northeast Region .....	1,044,711	47,012	1.23	95,408	13,834	0.36	107,922	46,406	1.22	107,253	2.81
Midwest Region .....	1,243,604	55,962	1.28	66,262	9,608	0.22	104,078	44,754	1.03	110,324	2.53
South Region .....	1,329,324	59,820	1.18	72,110	10,456	0.21	119,993	51,597	1.01	121,873	2.40
West Region .....	850,726	38,283	1.35	108,055	15,668	0.55	84,351	36,271	1.28	90,222	3.18
United States .....	4,468,365	201,076	1.25	341,835	49,566	0.31	416,344	179,028	1.11	429,670	2.67

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1975

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	53,236	2,396	0.88	3,016	437	0.16	5,395	2,320	0.85	5,153	1.88
Alaska .....	8,880	400	1.49	873	127	0.47	1,359	584	2.17	1,111	4.13
Arizona .....	59,643	2,684	1.63	4,044	586	0.36	4,145	1,782	1.08	5,053	3.06
Arkansas .....	31,764	1,429	0.89	1,364	198	0.12	2,366	1,017	0.63	2,645	1.64
California .....	466,420	20,989	1.27	79,106	11,470	0.70	52,054	22,383	1.36	54,842	3.33
Colorado .....	61,966	2,788	1.43	5,602	812	0.42	6,311	2,714	1.39	6,314	3.24
Connecticut .....	56,234	2,531	1.05	5,837	846	0.35	7,271	3,127	1.29	6,503	2.69
Delaware .....	12,125	546	1.23	780	113	0.26	1,532	659	1.49	1,317	2.98
District of Columbia .....	17,069	768	1.37	3,561	516	0.92	4,828	2,076	3.71	3,360	6.00
Florida .....	200,571	9,026	1.38	15,321	2,222	0.34	22,330	9,602	1.47	20,849	3.19
Georgia .....	79,305	3,569	0.97	4,297	623	0.17	9,945	4,276	1.16	8,468	2.30
Hawaii .....	21,793	981	1.50	1,589	230	0.35	1,970	847	1.30	2,058	3.15
Idaho .....	20,065	903	1.48	1,113	161	0.26	1,135	488	0.80	1,552	2.55
Illinois .....	248,694	11,191	1.31	19,800	2,871	0.33	26,826	11,535	1.35	25,597	2.99
Indiana .....	93,570	4,211	1.04	4,080	592	0.15	7,006	3,013	0.75	7,815	1.94
Iowa .....	62,601	2,817	1.27	1,450	210	0.09	3,945	1,696	0.76	4,724	2.13
Kansas .....	44,486	2,002	1.12	1,444	209	0.12	2,935	1,262	0.71	3,473	1.94
Kentucky .....	60,230	2,710	1.05	1,758	255	0.10	5,006	2,153	0.83	5,118	1.98
Louisiana .....	81,524	3,669	1.30	4,276	620	0.22	6,700	2,881	1.02	7,170	2.53
Maine .....	25,914	1,166	1.44	1,370	199	0.25	1,951	839	1.04	2,204	2.72
Maryland .....	94,861	4,269	1.35	7,196	1,043	0.33	10,739	4,618	1.46	9,930	3.14
Massachusetts .....	133,138	5,991	1.33	11,785	1,709	0.38	14,273	6,137	1.36	13,837	3.07
Michigan .....	218,353	9,826	1.43	13,740	1,992	0.29	16,721	7,190	1.05	19,008	2.77
Minnesota .....	86,499	3,892	1.29	4,174	605	0.20	8,426	3,623	1.20	8,121	2.70
Mississippi .....	39,013	1,756	1.02	1,515	220	0.13	3,366	1,447	0.84	3,423	1.98
Missouri .....	99,794	4,491	1.21	5,116	742	0.20	7,680	3,302	0.89	8,535	2.30
Montana .....	21,193	954	1.68	728	106	0.19	1,474	634	1.11	1,693	2.98
Nebraska .....	36,449	1,640	1.38	1,294	188	0.16	2,718	1,169	0.98	2,997	2.51
Nevada .....	19,899	895	2.00	2,551	370	0.83	4,096	1,761	3.94	3,027	6.77
New Hampshire .....	26,828	1,207	1.94	2,098	304	0.49	4,477	1,925	3.10	3,437	5.52
New Jersey .....	146,074	6,573	1.16	16,610	2,408	0.42	16,155	6,947	1.22	15,928	2.81
New Mexico .....	27,939	1,257	1.50	2,040	296	0.35	1,954	840	1.00	2,393	2.85
New York .....	362,978	16,334	1.16	43,800	6,351	0.45	41,740	17,948	1.27	40,633	2.89
North Carolina .....	88,211	3,969	0.96	6,686	969	0.23	8,292	3,566	0.86	8,505	2.05
North Dakota .....	14,893	670	1.37	508	74	0.15	1,384	595	1.21	1,339	2.73
Ohio .....	225,835	10,163	1.24	11,301	1,639	0.20	14,812	6,369	0.78	18,170	2.21
Oklahoma .....	46,537	2,094	0.99	2,181	316	0.15	4,188	1,801	0.85	4,211	1.99
Oregon .....	50,649	2,279	1.28	6,533	947	0.53	3,961	1,703	0.95	4,930	2.76
Pennsylvania .....	273,997	12,330	1.33	14,314	2,076	0.22	17,272	7,427	0.80	21,832	2.35
Rhode Island .....	22,677	1,020	1.41	2,283	331	0.46	2,131	916	1.26	2,268	3.12
South Carolina .....	50,962	2,293	1.09	3,147	456	0.22	5,301	2,279	1.08	5,029	2.39
South Dakota .....	12,605	567	1.09	604	88	0.17	1,242	534	1.03	1,189	2.28
Tennessee .....	77,850	3,503	1.09	2,629	381	0.12	5,357	2,304	0.72	6,188	1.92
Texas .....	321,737	14,478	1.57	12,832	1,861	0.20	17,168	7,382	0.80	23,721	2.56
Utah .....	17,045	767	0.89	863	125	0.15	1,184	509	0.59	1,401	1.63
Vermont .....	11,308	509	1.42	1,202	174	0.49	1,528	657	1.83	1,340	3.73
Virginia .....	96,931	4,362	1.14	6,703	972	0.25	8,621	3,707	0.96	9,041	2.35
Washington .....	82,225	3,700	1.34	8,728	1,266	0.46	7,066	3,038	1.10	8,004	2.90
West Virginia .....	28,779	1,295	0.93	942	137	0.10	2,657	1,143	0.82	2,574	1.85
Wisconsin .....	146,350	6,586	1.87	6,394	927	0.26	10,739	4,618	1.31	12,131	3.44
Wyoming .....	11,630	523	1.83	422	61	0.21	878	378	1.32	962	3.36
Northeast Region .....	1,059,148	47,662	1.24	99,299	14,398	0.37	106,798	45,923	1.19	107,983	2.81
Midwest Region .....	1,290,129	58,056	1.32	69,905	10,136	0.23	104,434	44,907	1.02	113,099	2.56
South Region .....	1,380,705	62,132	1.20	78,204	11,340	0.22	123,791	53,230	1.02	126,701	2.44
West Region .....	869,347	39,121	1.34	114,192	16,558	0.57	87,587	37,662	1.29	93,341	3.20
United States .....	4,599,329	206,970	1.26	361,600	52,432	0.32	422,610	181,722	1.11	441,124	2.69

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1976

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	54,992	2,475	0.89	2,926	424	0.15	5,565	2,393	0.86	5,292	1.89
Alaska .....	9,545	430	1.48	980	142	0.49	1,391	598	2.06	1,170	4.03
Arizona .....	62,806	2,826	1.67	4,531	657	0.39	4,402	1,893	1.12	5,376	3.17
Arkansas .....	31,274	1,407	0.86	1,403	203	0.12	2,535	1,090	0.67	2,701	1.66
California .....	496,869	22,359	1.32	81,619	11,835	0.70	52,529	22,587	1.34	56,781	3.36
Colorado .....	64,763	2,914	1.46	6,308	915	0.46	6,381	2,744	1.37	6,573	3.29
Connecticut .....	55,836	2,513	1.03	6,180	896	0.37	7,195	3,094	1.26	6,503	2.66
Delaware .....	12,435	560	1.25	771	112	0.25	1,492	642	1.43	1,313	2.92
District of Columbia .....	16,492	742	1.34	3,597	522	0.94	4,591	1,974	3.57	3,238	5.86
Florida .....	199,788	8,990	1.35	16,610	2,408	0.36	22,709	9,765	1.46	21,164	3.17
Georgia .....	82,200	3,699	0.99	4,572	663	0.18	10,718	4,609	1.23	8,971	2.39
Hawaii .....	22,320	1,004	1.50	1,811	263	0.39	2,024	870	1.30	2,137	3.19
Idaho .....	21,180	953	1.52	1,170	170	0.27	1,160	499	0.79	1,622	2.58
Illinois .....	252,746	11,374	1.31	20,019	2,903	0.34	26,112	11,228	1.30	25,504	2.94
Indiana .....	98,240	4,421	1.08	4,063	589	0.14	7,110	3,057	0.75	8,067	1.98
Iowa .....	63,996	2,880	1.28	1,604	233	0.10	4,043	1,738	0.77	4,851	2.15
Kansas .....	45,531	2,049	1.13	1,399	203	0.11	2,913	1,253	0.69	3,504	1.93
Kentucky .....	59,481	2,677	1.01	1,808	262	0.10	4,857	2,089	0.79	5,027	1.90
Louisiana .....	81,681	3,676	1.27	5,665	821	0.28	7,073	3,041	1.05	7,538	2.61
Maine .....	25,954	1,168	1.41	1,455	211	0.26	2,064	888	1.07	2,266	2.74
Maryland .....	95,136	4,281	1.34	7,226	1,048	0.33	10,834	4,659	1.45	9,988	3.12
Massachusetts .....	131,830	5,932	1.30	12,001	1,740	0.38	13,950	5,998	1.32	13,671	3.00
Michigan .....	220,906	9,941	1.43	14,222	2,062	0.30	17,188	7,391	1.06	19,394	2.79
Minnesota .....	88,504	3,983	1.30	4,443	644	0.21	8,528	3,667	1.20	8,294	2.71
Mississippi .....	39,624	1,783	1.02	1,515	220	0.13	3,522	1,514	0.86	3,517	2.01
Missouri .....	99,764	4,489	1.19	5,144	746	0.20	7,075	3,042	0.81	8,278	2.20
Montana .....	23,016	1,036	1.78	810	117	0.20	1,516	652	1.12	1,805	3.11
Nebraska .....	37,431	1,684	1.39	1,429	207	0.17	2,733	1,175	0.97	3,067	2.54
Nevada .....	21,313	959	2.05	2,759	400	0.86	4,360	1,875	4.01	3,234	6.92
New Hampshire .....	26,902	1,211	1.89	2,323	337	0.53	4,465	1,920	3.00	3,467	5.43
New Jersey .....	144,018	6,481	1.13	16,548	2,399	0.42	15,902	6,838	1.19	15,718	2.75
New Mexico .....	30,208	1,359	1.56	2,012	292	0.34	1,980	851	0.98	2,502	2.88
New York .....	358,567	16,136	1.14	43,349	6,286	0.44	41,070	17,660	1.25	40,081	2.83
North Carolina .....	92,933	4,182	0.99	6,743	978	0.23	8,500	3,655	0.87	8,815	2.09
North Dakota .....	15,524	699	1.40	546	79	0.16	1,388	597	1.20	1,375	2.75
Ohio .....	227,224	10,225	1.24	11,625	1,686	0.20	14,722	6,330	0.77	18,241	2.21
Oklahoma .....	48,064	2,163	1.00	2,059	299	0.14	3,905	1,679	0.78	4,141	1.91
Oregon .....	52,730	2,373	1.30	6,320	916	0.50	4,062	1,747	0.96	5,036	2.75
Pennsylvania .....	274,432	12,349	1.32	14,415	2,090	0.22	17,161	7,379	0.79	21,819	2.34
Rhode Island .....	22,535	1,014	1.38	2,391	347	0.47	2,073	891	1.21	2,252	3.07
South Carolina .....	53,324	2,400	1.12	2,997	435	0.20	5,934	2,552	1.19	5,386	2.52
South Dakota .....	13,308	599	1.13	632	92	0.17	1,312	564	1.06	1,255	2.37
Tennessee .....	77,597	3,492	1.06	2,521	366	0.11	5,619	2,416	0.74	6,274	1.91
Texas .....	331,232	14,905	1.56	13,140	1,905	0.20	17,991	7,736	0.81	24,547	2.58
Utah .....	18,233	820	0.93	908	132	0.15	1,238	532	0.60	1,484	1.68
Vermont .....	11,605	522	1.43	1,250	181	0.50	1,499	645	1.76	1,348	3.68
Virginia .....	98,331	4,425	1.13	6,459	937	0.24	8,686	3,735	0.95	9,096	2.32
Washington .....	85,126	3,831	1.36	9,390	1,362	0.48	7,304	3,141	1.11	8,333	2.95
West Virginia .....	29,586	1,331	0.94	978	142	0.10	2,701	1,161	0.82	2,635	1.85
Wisconsin .....	142,811	6,426	1.80	6,729	976	0.27	10,896	4,685	1.31	12,087	3.38
Wyoming .....	12,079	544	1.82	432	63	0.21	914	393	1.31	999	3.34
Northeast Region .....	1,051,679	47,326	1.22	99,912	14,487	0.37	105,379	45,313	1.17	107,126	2.76
Midwest Region .....	1,305,985	58,769	1.32	71,855	10,419	0.23	104,020	44,729	1.00	113,917	2.55
South Region .....	1,404,170	63,188	1.19	80,990	11,744	0.22	127,232	54,710	1.03	129,641	2.45
West Region .....	920,188	41,408	1.38	119,050	17,262	0.58	89,261	38,382	1.28	97,053	3.24
United States .....	4,682,022	210,691	1.27	371,807	53,912	0.32	425,892	183,134	1.10	447,737	2.69

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1977

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	62,317	2,804	0.99	2,811	363	0.13	5,823	2,393	0.84	5,560	1.96
Alaska .....	7,829	352	1.19	961	124	0.42	1,218	501	1.70	977	3.31
Arizona .....	66,233	2,980	1.70	4,671	603	0.34	4,479	1,841	1.05	5,424	3.10
Arkansas .....	33,899	1,525	0.92	1,320	170	0.10	2,537	1,043	0.63	2,738	1.65
California .....	503,361	22,651	1.31	89,237	11,512	0.67	53,594	22,027	1.28	56,190	3.25
Colorado .....	65,203	2,934	1.43	5,809	749	0.36	6,084	2,501	1.22	6,184	3.01
Connecticut .....	57,700	2,596	1.05	6,665	860	0.35	7,292	2,997	1.21	6,453	2.61
Delaware .....	13,329	600	1.32	826	107	0.24	1,493	614	1.35	1,320	2.91
District of Columbia .....	16,799	756	1.39	3,751	484	0.89	4,317	1,774	3.26	3,014	5.53
Florida .....	202,474	9,111	1.33	17,261	2,227	0.33	24,417	10,035	1.47	21,373	3.13
Georgia .....	91,481	4,117	1.08	4,689	605	0.16	11,479	4,718	1.23	9,439	2.47
Hawaii .....	24,490	1,102	1.61	1,901	245	0.36	2,095	861	1.26	2,208	3.23
Idaho .....	21,607	972	1.50	1,116	144	0.22	1,249	513	0.79	1,630	2.52
Illinois .....	261,436	11,765	1.35	20,648	2,664	0.30	25,881	10,637	1.22	25,065	2.87
Indiana .....	104,618	4,708	1.14	4,392	567	0.14	7,777	3,196	0.77	8,471	2.05
Iowa .....	67,393	3,033	1.33	1,721	222	0.10	4,119	1,693	0.74	4,948	2.17
Kansas .....	46,552	2,095	1.13	1,447	187	0.10	2,909	1,196	0.65	3,477	1.88
Kentucky .....	70,755	3,184	1.19	1,854	239	0.09	4,906	2,016	0.75	5,440	2.03
Louisiana .....	85,026	3,826	1.30	5,776	745	0.25	7,367	3,028	1.03	7,599	2.57
Maine .....	25,691	1,156	1.37	1,519	196	0.23	2,128	875	1.04	2,227	2.64
Maryland .....	98,677	4,440	1.37	7,543	973	0.30	10,959	4,504	1.39	9,918	3.05
Massachusetts .....	137,042	6,167	1.34	13,147	1,696	0.37	13,923	5,722	1.24	13,585	2.95
Michigan .....	225,773	10,160	1.45	13,078	1,687	0.24	17,501	7,193	1.02	19,040	2.71
Minnesota .....	89,833	4,042	1.30	4,948	638	0.20	8,720	3,584	1.15	8,265	2.65
Mississippi .....	42,563	1,915	1.08	1,449	187	0.11	3,741	1,538	0.86	3,640	2.05
Missouri .....	104,091	4,684	1.23	5,497	709	0.19	7,719	3,173	0.83	8,566	2.25
Montana .....	24,108	1,085	1.83	903	116	0.20	1,589	653	1.10	1,854	3.12
Nebraska .....	39,450	1,775	1.45	1,593	205	0.17	2,697	1,108	0.91	3,089	2.53
Nevada .....	23,451	1,055	2.15	3,154	407	0.83	4,593	1,888	3.85	3,350	6.84
New Hampshire .....	27,793	1,251	1.89	2,561	330	0.50	4,727	1,943	2.93	3,524	5.32
New Jersey .....	148,254	6,671	1.16	17,968	2,318	0.40	15,894	6,532	1.13	15,522	2.69
New Mexico .....	32,722	1,472	1.65	2,215	286	0.32	2,096	861	0.96	2,620	2.93
New York .....	371,623	16,723	1.18	42,241	5,449	0.38	40,421	16,613	1.17	38,785	2.74
North Carolina .....	96,452	4,340	1.01	6,633	856	0.20	8,698	3,575	0.84	8,771	2.05
North Dakota .....	15,153	682	1.35	596	77	0.15	1,381	568	1.12	1,326	2.62
Ohio .....	215,853	9,713	1.17	11,375	1,467	0.18	14,187	5,831	0.70	17,012	2.04
Oklahoma .....	52,097	2,344	1.07	2,336	301	0.14	4,184	1,720	0.78	4,365	1.98
Oregon .....	55,511	2,498	1.33	6,753	871	0.46	4,386	1,803	0.96	5,172	2.74
Pennsylvania .....	281,100	12,650	1.35	14,779	1,906	0.20	16,949	6,966	0.74	21,522	2.29
Rhode Island .....	22,852	1,028	1.39	2,484	320	0.43	2,015	828	1.12	2,177	2.93
South Carolina .....	56,894	2,560	1.18	2,880	372	0.17	6,060	2,491	1.14	5,422	2.49
South Dakota .....	13,727	618	1.15	686	88	0.17	1,386	570	1.06	1,276	2.38
Tennessee .....	81,994	3,690	1.10	2,606	336	0.10	5,747	2,362	0.71	6,388	1.91
Texas .....	354,055	15,932	1.63	10,928	1,410	0.14	19,122	7,859	0.81	25,201	2.58
Utah .....	19,570	881	0.97	971	125	0.14	1,301	535	0.59	1,541	1.70
Vermont .....	11,798	531	1.42	1,283	166	0.44	1,430	588	1.58	1,284	3.44
Virginia .....	105,831	4,762	1.19	6,611	853	0.21	8,812	3,622	0.90	9,237	2.30
Washington .....	87,647	3,944	1.36	10,222	1,319	0.45	7,588	3,119	1.08	8,381	2.89
West Virginia .....	31,370	1,412	0.98	986	127	0.09	2,752	1,131	0.78	2,670	1.85
Wisconsin .....	144,184	6,488	1.78	7,578	978	0.27	11,156	4,585	1.26	12,051	3.31
Wyoming .....	12,373	557	1.79	495	64	0.21	996	409	1.32	1,030	3.31
Northeast Region .....	1,083,853	48,773	1.25	102,647	13,241	0.34	104,779	43,064	1.10	105,079	2.69
Midwest Region .....	1,328,063	59,763	1.32	73,559	9,489	0.21	105,433	43,333	0.96	112,585	2.49
South Region .....	1,496,013	67,321	1.25	80,260	10,354	0.19	132,414	54,422	1.01	132,096	2.44
West Region .....	944,105	42,485	1.38	128,408	16,565	0.54	91,268	37,511	1.22	96,561	3.15
United States .....	4,852,034	218,342	1.29	384,874	49,649	0.29	433,894	178,330	1.06	446,321	2.64

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1978

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	62,725	2,823	0.98	2,644	341	0.12	6,149	2,527	0.88	5,691	1.97
Alaska .....	9,260	417	1.39	1,034	133	0.45	1,220	501	1.68	1,052	3.52
Arizona .....	71,535	3,219	1.77	5,255	678	0.37	4,865	2,000	1.10	5,896	3.25
Arkansas .....	36,564	1,645	0.97	1,490	192	0.11	2,998	1,232	0.73	3,070	1.82
California .....	533,487	24,007	1.36	93,478	12,059	0.68	56,810	23,349	1.32	59,414	3.36
Colorado .....	77,029	3,466	1.64	7,772	1,003	0.47	7,336	3,015	1.43	7,484	3.54
Connecticut .....	59,887	2,695	1.08	7,312	943	0.38	7,292	2,997	1.20	6,635	2.65
Delaware .....	13,588	611	1.33	882	114	0.25	1,487	611	1.33	1,336	2.91
District of Columbia .....	17,140	771	1.43	3,944	509	0.94	4,115	1,691	3.14	2,971	5.51
Florida .....	220,237	9,911	1.41	18,465	2,382	0.34	25,269	10,386	1.48	22,678	3.23
Georgia .....	98,681	4,441	1.14	5,594	722	0.19	11,918	4,898	1.26	10,061	2.59
Hawaii .....	21,390	963	1.38	2,493	322	0.46	2,200	904	1.30	2,188	3.15
Idaho .....	22,178	998	1.50	1,315	170	0.26	1,297	533	0.80	1,701	2.56
Illinois .....	269,502	12,128	1.38	21,284	2,746	0.31	25,390	10,435	1.19	25,309	2.88
Indiana .....	110,918	4,991	1.19	5,073	654	0.16	8,056	3,311	0.79	8,957	2.14
Iowa .....	70,558	3,175	1.38	1,871	241	0.11	4,113	1,690	0.74	5,107	2.22
Kansas .....	47,290	2,128	1.14	1,679	217	0.12	2,909	1,196	0.64	3,540	1.89
Kentucky .....	64,414	2,899	1.07	1,965	253	0.09	5,080	2,088	0.77	5,240	1.93
Louisiana .....	90,409	4,068	1.35	5,915	763	0.25	7,792	3,203	1.07	8,034	2.67
Maine .....	24,824	1,117	1.31	1,778	229	0.27	2,178	895	1.05	2,242	2.62
Maryland .....	102,824	4,627	1.41	7,837	1,011	0.31	11,047	4,540	1.38	10,178	3.09
Massachusetts .....	141,496	6,367	1.37	14,519	1,873	0.40	14,125	5,805	1.25	14,046	3.02
Michigan .....	226,062	10,173	1.43	14,001	1,806	0.25	18,223	7,490	1.05	19,469	2.74
Minnesota .....	91,822	4,132	1.31	5,518	712	0.23	8,875	3,648	1.15	8,491	2.69
Mississippi .....	46,428	2,089	1.16	1,445	186	0.10	4,001	1,644	0.91	3,920	2.18
Missouri .....	112,137	5,046	1.31	5,834	753	0.20	8,323	3,421	0.89	9,220	2.40
Montana .....	24,592	1,107	1.82	962	124	0.20	1,578	649	1.07	1,879	3.10
Nebraska .....	40,389	1,818	1.47	1,699	219	0.18	2,690	1,106	0.89	3,142	2.54
Nevada .....	25,352	1,141	2.20	3,401	439	0.85	4,611	1,895	3.65	3,475	6.70
New Hampshire .....	30,136	1,356	1.99	2,865	370	0.54	4,881	2,006	2.94	3,732	5.46
New Jersey .....	151,871	6,834	1.17	18,759	2,420	0.42	15,649	6,432	1.10	15,686	2.69
New Mexico .....	34,246	1,541	1.68	2,272	293	0.32	2,185	898	0.98	2,732	2.99
New York .....	371,329	16,710	1.18	45,755	5,902	0.42	40,418	16,612	1.17	39,224	2.77
North Carolina .....	102,181	4,598	1.06	6,803	878	0.20	9,088	3,735	0.86	9,211	2.12
North Dakota .....	16,426	739	1.45	638	82	0.16	1,421	584	1.15	1,406	2.76
Ohio .....	223,037	10,037	1.20	12,910	1,665	0.20	14,323	5,887	0.70	17,589	2.09
Oklahoma .....	53,596	2,412	1.08	2,437	314	0.14	4,478	1,840	0.82	4,567	2.04
Oregon .....	57,845	2,603	1.34	7,119	918	0.47	4,608	1,894	0.98	5,415	2.79
Pennsylvania .....	285,731	12,858	1.36	15,493	1,999	0.21	16,993	6,984	0.74	21,841	2.32
Rhode Island .....	23,453	1,055	1.41	2,868	370	0.50	2,104	865	1.16	2,290	3.07
South Carolina .....	59,436	2,675	1.20	2,999	387	0.17	6,527	2,683	1.21	5,744	2.59
South Dakota .....	14,276	642	1.19	714	92	0.17	1,375	565	1.05	1,300	2.42
Tennessee .....	87,522	3,938	1.16	2,826	365	0.11	5,989	2,461	0.72	6,765	1.99
Texas .....	376,924	16,962	1.70	11,131	1,436	0.14	20,516	8,432	0.84	26,830	2.68
Utah .....	19,957	898	0.96	1,054	136	0.15	1,388	570	0.61	1,604	1.72
Vermont .....	12,957	583	1.53	1,378	178	0.47	1,468	603	1.59	1,364	3.59
Virginia .....	110,713	4,982	1.22	6,677	861	0.21	9,005	3,701	0.90	9,544	2.33
Washington .....	92,335	4,155	1.39	11,120	1,434	0.48	7,967	3,274	1.09	8,864	2.96
West Virginia .....	31,186	1,403	0.96	1,004	130	0.09	2,784	1,144	0.79	2,677	1.84
Wisconsin .....	147,353	6,631	1.80	7,868	1,015	0.28	10,617	4,364	1.18	12,009	3.25
Wyoming .....	13,192	594	1.82	563	73	0.22	1,080	444	1.36	1,110	3.41
Northeast Region .....	1,101,684	49,576	1.26	110,727	14,284	0.36	105,108	43,199	1.10	107,059	2.73
Midwest Region .....	1,369,770	61,640	1.35	79,089	10,202	0.22	106,315	43,695	0.96	115,538	2.53
South Region .....	1,574,568	70,856	1.29	84,058	10,843	0.20	138,243	56,818	1.03	138,517	2.52
West Region .....	1,002,398	45,108	1.43	137,838	17,781	0.56	97,145	39,927	1.27	102,816	3.26
United States .....	5,048,420	227,179	1.32	411,712	53,111	0.31	446,811	183,639	1.07	463,929	2.71

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1979

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	63,999	2,880	0.98	2,810	362	0.12	5,969	2,453	0.84	5,696	1.94
Alaska .....	9,848	443	1.50	1,067	138	0.47	1,186	487	1.65	1,068	3.62
Arizona .....	77,684	3,496	1.86	5,682	733	0.39	5,324	2,188	1.17	6,417	3.42
Arkansas .....	35,231	1,585	0.93	1,296	167	0.10	2,378	977	0.57	2,730	1.60
California .....	572,605	25,767	1.42	97,727	12,607	0.70	56,245	23,117	1.28	61,491	3.40
Colorado .....	81,102	3,650	1.68	7,913	1,021	0.47	7,233	2,973	1.37	7,643	3.52
Connecticut .....	63,255	2,846	1.13	7,759	1,001	0.40	7,356	3,023	1.20	6,871	2.72
Delaware .....	14,143	636	1.38	947	122	0.27	1,503	618	1.34	1,376	2.99
District of Columbia .....	17,383	782	1.48	4,072	525	0.99	3,903	1,604	3.03	2,912	5.49
Florida .....	236,199	10,629	1.47	20,431	2,636	0.37	26,464	10,877	1.51	24,141	3.34
Georgia .....	102,939	4,632	1.17	5,681	733	0.19	11,728	4,820	1.22	10,185	2.58
Hawaii .....	25,110	1,130	1.60	2,427	313	0.44	2,200	904	1.28	2,347	3.32
Idaho .....	23,396	1,053	1.55	1,445	186	0.27	1,384	569	0.84	1,808	2.66
Illinois .....	283,778	12,770	1.45	22,285	2,875	0.33	25,181	10,349	1.17	25,994	2.94
Indiana .....	115,444	5,195	1.23	5,039	650	0.15	8,142	3,346	0.79	9,191	2.18
Iowa .....	71,728	3,228	1.40	1,995	257	0.11	3,955	1,626	0.71	5,111	2.22
Kansas .....	49,199	2,214	1.17	1,678	216	0.11	3,362	1,382	0.73	3,812	2.01
Kentucky .....	67,467	3,036	1.10	2,017	260	0.09	5,153	2,118	0.77	5,414	1.97
Louisiana .....	92,529	4,164	1.36	6,116	789	0.26	8,002	3,289	1.08	8,242	2.70
Maine .....	24,915	1,121	1.30	1,835	237	0.27	2,266	931	1.08	2,289	2.65
Maryland .....	105,480	4,747	1.43	8,066	1,041	0.31	11,238	4,619	1.39	10,406	3.14
Massachusetts .....	144,225	6,490	1.39	15,385	1,985	0.42	14,070	5,783	1.23	14,258	3.04
Michigan .....	217,830	9,802	1.37	14,151	1,825	0.25	17,998	7,397	1.03	19,025	2.65
Minnesota .....	96,277	4,332	1.35	5,900	761	0.24	9,053	3,721	1.16	8,814	2.75
Mississippi .....	46,494	2,092	1.15	1,387	179	0.10	3,723	1,530	0.84	3,801	2.09
Missouri .....	118,213	5,320	1.37	5,954	768	0.20	8,160	3,354	0.86	9,441	2.43
Montana .....	24,948	1,123	1.83	1,957	252	0.41	1,565	643	1.05	2,018	3.29
Nebraska .....	41,572	1,871	1.50	1,735	224	0.18	2,668	1,097	0.88	3,191	2.57
Nevada .....	27,918	1,256	2.28	3,741	483	0.88	4,389	1,804	3.28	3,543	6.44
New Hampshire .....	30,813	1,387	1.98	3,363	434	0.62	4,452	1,830	2.61	3,650	5.20
New Jersey .....	154,758	6,964	1.18	19,586	2,527	0.43	15,712	6,458	1.10	15,948	2.71
New Mexico .....	35,595	1,602	1.71	2,211	285	0.30	2,312	950	1.01	2,837	3.02
New York .....	381,029	17,146	1.21	48,171	6,214	0.44	40,328	16,575	1.17	39,935	2.82
North Carolina .....	105,632	4,753	1.08	7,346	948	0.22	9,425	3,874	0.88	9,575	2.18
North Dakota .....	16,625	748	1.45	641	83	0.16	1,376	566	1.10	1,396	2.71
Ohio .....	254,283	11,443	1.36	12,807	1,652	0.20	14,513	5,965	0.71	19,060	2.26
Oklahoma .....	53,305	2,399	1.05	2,290	295	0.13	4,451	1,829	0.80	4,523	1.98
Oregon .....	61,702	2,777	1.39	7,368	950	0.47	4,662	1,916	0.96	5,643	2.82
Pennsylvania .....	298,147	13,417	1.42	16,125	2,080	0.22	16,816	6,911	0.73	22,408	2.37
Rhode Island .....	24,344	1,095	1.46	2,909	375	0.50	2,028	834	1.11	2,304	3.07
South Carolina .....	62,493	2,812	1.25	3,019	389	0.17	6,490	2,667	1.18	5,869	2.60
South Dakota .....	14,673	660	1.23	722	93	0.17	1,359	559	1.04	1,312	2.44
Tennessee .....	87,646	3,944	1.14	3,046	393	0.11	6,132	2,520	0.73	6,857	1.98
Texas .....	401,739	18,078	1.76	11,545	1,489	0.14	21,826	8,970	0.87	28,538	2.78
Utah .....	20,804	936	0.97	1,170	151	0.16	1,449	596	0.62	1,683	1.75
Vermont .....	13,502	608	1.57	1,402	181	0.47	1,414	581	1.50	1,370	3.54
Virginia .....	113,745	5,119	1.23	8,016	1,034	0.25	9,275	3,812	0.92	9,965	2.40
Washington .....	97,714	4,397	1.41	11,547	1,490	0.48	8,323	3,421	1.10	9,307	2.99
West Virginia .....	31,594	1,422	0.97	1,062	137	0.09	2,764	1,136	0.77	2,695	1.83
Wisconsin .....	156,766	7,054	1.88	8,091	1,044	0.28	10,633	4,370	1.17	12,468	3.33
Wyoming .....	14,246	641	1.86	598	77	0.22	1,093	449	1.30	1,167	3.38
Northeast Region .....	1,134,988	51,074	1.30	116,535	15,033	0.38	104,442	42,926	1.09	109,033	2.77
Midwest Region .....	1,436,388	64,637	1.41	80,998	10,449	0.23	106,400	43,730	0.95	118,817	2.58
South Region .....	1,638,018	73,711	1.32	89,147	11,500	0.21	140,424	57,714	1.03	142,925	2.55
West Region .....	1,072,672	48,270	1.49	144,853	18,686	0.58	97,365	40,017	1.24	106,973	3.31
United States .....	5,282,066	237,693	1.37	431,533	55,668	0.32	448,631	184,387	1.06	477,748	2.75

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

**1980**

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	64,209	2,889	0.96	3,816	492	0.16	5,475	2,250	0.74	5,632	1.86
Alaska .....	10,350	466	1.55	1,172	151	0.50	1,240	510	1.70	1,127	3.76
Arizona .....	79,660	3,585	1.69	5,920	764	0.36	5,054	2,077	0.98	6,426	3.03
Arkansas .....	39,804	1,791	1.00	1,695	219	0.12	2,976	1,223	0.69	3,233	1.81
California .....	595,582	26,801	1.42	104,479	13,478	0.71	57,297	23,549	1.25	63,828	3.38
Colorado .....	79,434	3,575	1.57	8,257	1,065	0.47	7,287	2,995	1.31	7,635	3.35
Connecticut .....	59,251	2,666	1.06	8,379	1,081	0.43	7,386	3,036	1.21	6,783	2.70
Delaware .....	15,201	684	1.45	1,077	139	0.29	1,584	651	1.38	1,474	3.12
District of Columbia .....	17,663	795	1.49	4,102	529	0.99	3,821	1,570	2.94	2,894	5.42
Florida .....	252,740	11,373	1.42	23,093	2,979	0.37	27,794	11,423	1.43	25,776	3.22
Georgia .....	100,122	4,505	1.07	6,283	811	0.19	11,211	4,608	1.09	9,924	2.35
Hawaii .....	27,621	1,243	1.65	2,685	346	0.46	2,215	910	1.21	2,500	3.31
Idaho .....	23,978	1,079	1.53	1,633	211	0.30	1,323	544	0.77	1,833	2.60
Illinois .....	285,405	12,843	1.43	23,315	3,008	0.33	27,079	11,129	1.24	26,980	3.00
Indiana .....	120,107	5,405	1.26	5,744	741	0.17	8,019	3,296	0.77	9,442	2.21
Iowa .....	71,835	3,233	1.41	2,342	302	0.13	3,981	1,636	0.71	5,171	2.25
Kansas .....	51,062	2,298	1.23	1,645	212	0.11	2,808	1,154	0.62	3,664	1.96
Kentucky .....	68,336	3,075	1.08	2,204	284	0.10	5,097	2,095	0.74	5,454	1.91
Louisiana .....	100,112	4,505	1.41	6,622	854	0.27	8,091	3,325	1.04	8,685	2.71
Maine .....	26,048	1,172	1.32	1,960	253	0.29	2,297	944	1.06	2,369	2.67
Maryland .....	106,088	4,774	1.42	8,538	1,101	0.33	11,087	4,557	1.35	10,432	3.09
Massachusetts .....	151,983	6,839	1.47	16,378	2,113	0.45	14,373	5,907	1.27	14,859	3.19
Michigan .....	215,111	9,680	1.34	15,778	2,035	0.28	17,982	7,391	1.03	19,106	2.65
Minnesota .....	99,517	4,478	1.40	6,389	824	0.26	9,371	3,851	1.20	9,154	2.85
Mississippi .....	47,882	2,155	1.13	1,538	198	0.10	3,976	1,634	0.86	3,987	2.09
Missouri .....	121,027	5,446	1.39	6,166	795	0.20	7,988	3,283	0.84	9,525	2.44
Montana .....	24,787	1,115	1.82	1,673	216	0.35	1,545	635	1.04	1,966	3.21
Nebraska .....	42,764	1,924	1.56	1,813	234	0.19	2,659	1,093	0.89	3,251	2.64
Nevada .....	29,672	1,335	2.09	3,927	507	0.79	4,571	1,879	2.94	3,721	5.82
New Hampshire .....	31,387	1,412	2.21	3,431	443	0.69	4,439	1,824	2.86	3,679	5.76
New Jersey .....	161,110	7,250	1.23	21,644	2,792	0.47	16,272	6,688	1.13	16,730	2.83
New Mexico .....	36,419	1,639	1.66	2,467	318	0.32	2,404	988	1.00	2,945	2.99
New York .....	400,491	18,022	1.28	50,480	6,512	0.46	40,399	16,604	1.18	41,138	2.91
North Carolina .....	114,099	5,134	1.11	7,312	943	0.20	9,677	3,977	0.86	10,055	2.17
North Dakota .....	17,229	775	1.53	668	86	0.17	1,404	577	1.14	1,439	2.83
Ohio .....	262,800	11,826	1.39	14,147	1,825	0.22	14,835	6,097	0.72	19,748	2.33
Oklahoma .....	56,998	2,565	1.08	2,925	377	0.16	4,122	1,694	0.71	4,636	1.95
Oregon .....	63,374	2,852	1.37	8,170	1,054	0.51	4,787	1,967	0.94	5,873	2.82
Pennsylvania .....	308,461	13,881	1.45	16,700	2,154	0.22	16,647	6,842	0.71	22,877	2.39
Rhode Island .....	25,077	1,128	1.46	3,194	412	0.53	2,133	877	1.14	2,417	3.14
South Carolina .....	65,664	2,955	1.22	3,358	433	0.18	6,245	2,567	1.06	5,955	2.46
South Dakota .....	15,507	698	1.30	763	98	0.18	1,401	576	1.07	1,372	2.56
Tennessee .....	88,757	3,994	1.10	3,379	436	0.12	6,115	2,513	0.69	6,943	1.92
Texas .....	430,180	19,358	1.77	18,785	2,423	0.22	21,479	8,828	0.81	30,609	2.80
Utah .....	21,882	985	0.96	1,147	148	0.14	1,502	617	0.60	1,750	1.71
Vermont .....	12,864	579	1.43	1,506	194	0.48	1,364	561	1.39	1,334	3.30
Virginia .....	116,676	5,250	1.23	8,346	1,077	0.25	9,374	3,853	0.90	10,180	2.39
Washington .....	110,426	4,969	1.52	13,072	1,686	0.52	8,615	3,541	1.08	10,196	3.12
West Virginia .....	34,077	1,533	1.00	1,097	142	0.09	2,667	1,096	0.72	2,771	1.82
Wisconsin .....	161,235	7,256	1.96	8,833	1,139	0.31	10,782	4,431	1.20	12,826	3.46
Wyoming .....	14,712	662	1.85	674	87	0.24	1,150	473	1.32	1,222	3.42
Northeast Region .....	1,176,672	52,950	1.34	123,672	15,954	0.40	105,310	43,282	1.10	112,186	2.84
Midwest Region .....	1,463,599	65,862	1.42	87,603	11,301	0.24	108,309	44,515	0.96	121,678	2.63
South Region .....	1,718,608	77,337	1.31	104,170	13,438	0.23	140,791	57,865	0.98	148,640	2.51
West Region .....	1,117,897	50,305	1.48	155,276	20,031	0.59	98,990	40,685	1.20	111,021	3.26
United States .....	5,476,776	246,455	1.38	470,721	60,723	0.34	453,400	186,347	1.04	493,525	2.76

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1981

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	67,605	3,042	1.00	4,396	567	0.19	5,453	2,241	0.73	5,850	1.92
Alaska .....	11,698	526	1.71	1,348	174	0.57	1,362	560	1.82	1,260	4.10
Arizona .....	86,283	3,883	1.78	7,127	919	0.42	5,380	2,211	1.01	7,013	3.22
Arkansas .....	42,253	1,901	1.06	1,690	218	0.12	2,982	1,226	0.68	3,345	1.87
California .....	614,848	27,668	1.43	107,978	13,929	0.72	56,838	23,360	1.21	64,958	3.36
Colorado .....	84,718	3,812	1.63	8,019	1,034	0.44	7,182	2,952	1.26	7,799	3.33
Connecticut .....	59,398	2,673	1.05	8,698	1,122	0.44	7,343	3,018	1.18	6,813	2.67
Delaware .....	16,061	723	1.51	1,201	155	0.32	1,621	666	1.39	1,544	3.23
District of Columbia .....	17,608	792	1.50	4,355	562	1.06	3,757	1,544	2.92	2,898	5.49
Florida .....	288,515	12,983	1.55	25,154	3,245	0.39	28,085	11,543	1.38	27,771	3.31
Georgia .....	106,212	4,780	1.10	6,060	782	0.18	11,524	4,736	1.09	10,298	2.38
Hawaii .....	29,633	1,333	1.74	2,628	339	0.44	2,165	890	1.16	2,562	3.34
Idaho .....	24,454	1,100	1.54	1,807	233	0.33	1,438	591	0.83	1,925	2.70
Illinois .....	288,416	12,979	1.43	24,828	3,203	0.35	24,623	10,120	1.12	26,302	2.91
Indiana .....	122,389	5,508	1.29	6,018	776	0.18	8,093	3,326	0.78	9,610	2.25
Iowa .....	73,365	3,301	1.44	2,388	308	0.13	3,864	1,588	0.69	5,198	2.27
Kansas .....	51,683	2,326	1.23	1,814	234	0.12	3,195	1,313	0.70	3,873	2.05
Kentucky .....	71,854	3,233	1.13	2,327	300	0.10	5,250	2,158	0.76	5,691	1.99
Louisiana .....	108,029	4,861	1.48	6,980	900	0.27	8,141	3,346	1.02	9,108	2.77
Maine .....	24,790	1,116	1.24	1,957	252	0.28	2,290	941	1.05	2,309	2.57
Maryland .....	105,882	4,765	1.39	9,139	1,179	0.34	11,073	4,551	1.33	10,495	3.06
Massachusetts .....	151,300	6,808	1.44	17,904	2,310	0.49	14,236	5,851	1.24	14,969	3.17
Michigan .....	213,930	9,627	1.34	16,326	2,106	0.29	17,510	7,197	1.00	18,930	2.63
Minnesota .....	100,290	4,513	1.39	6,822	880	0.27	9,307	3,825	1.18	9,218	2.83
Mississippi .....	50,779	2,285	1.19	1,586	205	0.11	3,914	1,609	0.84	4,098	2.14
Missouri .....	122,554	5,515	1.40	6,546	844	0.21	7,966	3,274	0.83	9,633	2.45
Montana .....	26,033	1,171	1.90	1,574	203	0.33	1,576	648	1.05	2,022	3.28
Nebraska .....	43,192	1,944	1.57	1,958	253	0.20	2,659	1,093	0.88	3,289	2.66
Nevada .....	31,344	1,410	2.08	4,189	540	0.80	4,462	1,834	2.71	3,785	5.59
New Hampshire .....	31,301	1,409	1.89	3,413	440	0.59	4,419	1,816	2.44	3,665	4.92
New Jersey .....	161,645	7,274	1.22	23,484	3,029	0.51	16,751	6,885	1.15	17,188	2.87
New Mexico .....	38,916	1,751	1.74	2,512	324	0.32	2,332	958	0.95	3,034	3.01
New York .....	395,584	17,801	1.25	50,843	6,559	0.46	38,700	15,906	1.12	40,266	2.83
North Carolina .....	115,335	5,190	1.10	7,619	983	0.21	9,889	4,064	0.86	10,237	2.17
North Dakota .....	17,421	784	1.53	709	91	0.18	1,426	586	1.14	1,461	2.85
Ohio .....	254,784	11,465	1.35	14,434	1,862	0.22	14,041	5,771	0.68	19,098	2.25
Oklahoma .....	61,829	2,782	1.14	2,945	380	0.16	4,941	2,031	0.83	5,193	2.13
Oregon .....	64,226	2,890	1.38	8,187	1,056	0.50	4,706	1,934	0.92	5,880	2.80
Pennsylvania .....	304,065	13,683	1.42	17,399	2,244	0.23	16,840	6,921	0.72	22,849	2.37
Rhode Island .....	23,529	1,059	1.36	3,174	409	0.52	1,970	810	1.04	2,278	2.92
South Carolina .....	68,394	3,078	1.25	3,661	472	0.19	6,287	2,584	1.05	6,134	2.49
South Dakota .....	15,568	701	1.32	790	102	0.19	1,358	558	1.05	1,361	2.56
Tennessee .....	92,479	4,162	1.14	3,658	472	0.13	6,355	2,612	0.72	7,245	1.98
Texas .....	464,031	20,881	1.84	21,444	2,766	0.24	23,563	9,684	0.85	33,332	2.93
Utah .....	23,737	1,068	1.01	1,186	153	0.14	1,499	616	0.58	1,837	1.74
Vermont .....	13,518	608	1.49	1,578	204	0.50	1,327	545	1.33	1,357	3.32
Virginia .....	119,133	5,361	1.23	8,994	1,160	0.27	9,446	3,882	0.89	10,404	2.39
Washington .....	102,845	4,628	1.38	13,992	1,805	0.54	8,521	3,502	1.05	9,935	2.97
West Virginia .....	35,956	1,618	1.06	1,630	210	0.14	2,445	1,005	0.66	2,833	1.85
Wisconsin .....	162,599	7,317	1.95	9,140	1,179	0.31	10,973	4,510	1.20	13,006	3.47
Wyoming .....	15,730	708	1.91	695	90	0.24	1,147	471	1.27	1,269	3.42
Northeast Region .....	1,165,130	52,431	1.31	128,450	16,570	0.41	103,876	42,693	1.07	111,694	2.80
Midwest Region .....	1,466,191	65,979	1.42	91,773	11,839	0.26	105,015	43,161	0.93	120,978	2.61
South Region .....	1,831,955	82,438	1.36	112,839	14,556	0.24	144,726	59,482	0.98	156,477	2.58
West Region .....	1,154,465	51,951	1.49	161,242	20,800	0.60	98,608	40,528	1.16	113,279	3.26
United States .....	5,617,741	252,798	1.39	494,304	63,765	0.35	452,225	185,864	1.02	502,428	2.76

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1982

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	68,171	3,068	1.00	4,184	540	0.18	5,413	2,225	0.72	5,832	1.89
Alaska .....	12,671	570	1.75	1,419	183	0.56	1,379	567	1.74	1,320	4.05
Arizona .....	86,249	3,881	1.74	6,851	884	0.40	5,398	2,219	0.99	6,984	3.13
Arkansas .....	41,077	1,848	1.03	1,730	223	0.12	2,738	1,125	0.63	3,197	1.78
California .....	601,987	27,089	1.37	109,873	14,174	0.72	54,712	22,487	1.14	63,750	3.23
Colorado .....	87,579	3,941	1.64	8,658	1,117	0.46	6,906	2,838	1.18	7,896	3.28
Connecticut .....	59,484	2,677	1.04	9,834	1,269	0.49	7,569	3,111	1.20	7,056	2.73
Delaware .....	16,431	739	1.53	1,262	163	0.34	1,604	659	1.36	1,561	3.23
District of Columbia .....	17,341	780	1.48	4,108	530	1.00	3,740	1,537	2.91	2,847	5.39
Florida .....	296,869	13,359	1.56	26,558	3,426	0.40	27,855	11,448	1.33	28,233	3.29
Georgia .....	109,537	4,929	1.12	7,169	925	0.21	11,098	4,561	1.04	10,415	2.37
Hawaii .....	31,149	1,402	1.80	2,879	371	0.48	2,155	886	1.14	2,659	3.42
Idaho .....	23,390	1,053	1.47	1,704	220	0.31	1,420	584	0.81	1,856	2.58
Illinois .....	284,165	12,787	1.41	24,658	3,181	0.35	23,404	9,619	1.06	25,587	2.83
Indiana .....	123,163	5,542	1.29	6,149	793	0.18	7,898	3,246	0.76	9,582	2.23
Iowa .....	71,060	3,198	1.39	2,304	297	0.13	3,632	1,493	0.65	4,988	2.17
Kansas .....	51,597	2,322	1.22	1,917	247	0.13	3,109	1,278	0.67	3,847	2.02
Kentucky .....	72,970	3,284	1.14	2,753	355	0.12	5,069	2,083	0.73	5,722	1.99
Louisiana .....	110,041	4,952	1.49	7,637	985	0.30	8,067	3,316	1.00	9,253	2.78
Maine .....	26,110	1,175	1.30	2,120	273	0.30	2,240	921	1.02	2,369	2.63
Maryland .....	97,624	4,393	1.27	8,650	1,116	0.32	9,785	4,022	1.17	9,531	2.77
Massachusetts .....	142,754	6,424	1.35	18,210	2,349	0.49	14,121	5,804	1.22	14,577	3.07
Michigan .....	214,705	9,662	1.35	21,377	2,758	0.39	17,148	7,048	0.98	19,467	2.72
Minnesota .....	98,896	4,450	1.36	6,912	892	0.27	8,797	3,616	1.11	8,958	2.75
Mississippi .....	50,987	2,294	1.19	1,649	213	0.11	3,843	1,579	0.82	4,087	2.11
Missouri .....	120,724	5,433	1.38	6,533	843	0.21	7,541	3,099	0.79	9,375	2.38
Montana .....	25,200	1,134	1.82	1,560	201	0.32	1,546	635	1.02	1,971	3.17
Nebraska .....	41,536	1,869	1.50	2,703	349	0.28	1,763	725	0.58	2,942	2.37
Nevada .....	31,230	1,405	1.99	4,198	542	0.77	4,288	1,762	2.50	3,709	5.25
New Hampshire .....	32,001	1,440	1.89	3,434	443	0.58	4,328	1,779	2.34	3,662	4.81
New Jersey .....	163,071	7,338	1.22	24,394	3,147	0.52	16,643	6,840	1.13	17,325	2.87
New Mexico .....	39,550	1,780	1.72	2,713	350	0.34	2,353	967	0.94	3,097	3.00
New York .....	400,138	18,006	1.26	53,131	6,854	0.48	38,460	15,807	1.10	40,667	2.84
North Carolina .....	114,183	5,138	1.07	7,924	1,022	0.21	9,875	4,059	0.85	10,219	2.13
North Dakota .....	17,554	790	1.52	714	92	0.18	1,383	568	1.09	1,450	2.79
Ohio .....	265,012	11,926	1.40	14,641	1,889	0.22	13,627	5,601	0.66	19,415	2.28
Oklahoma .....	64,679	2,911	1.17	3,172	409	0.16	5,041	2,072	0.83	5,392	2.17
Oregon .....	62,041	2,792	1.33	8,556	1,104	0.53	4,492	1,846	0.88	5,742	2.74
Pennsylvania .....	308,097	13,864	1.44	17,146	2,212	0.23	16,356	6,722	0.70	22,799	2.36
Rhode Island .....	23,371	1,052	1.34	3,364	434	0.55	1,988	817	1.04	2,303	2.93
South Carolina .....	68,711	3,092	1.24	3,931	507	0.20	6,057	2,489	1.00	6,089	2.44
South Dakota .....	15,335	690	1.29	743	96	0.18	1,267	521	0.98	1,307	2.45
Tennessee .....	92,421	4,159	1.13	3,950	510	0.14	6,274	2,579	0.70	7,247	1.96
Texas .....	478,758	21,544	1.83	16,168	2,086	0.18	23,987	9,859	0.84	33,488	2.85
Utah .....	24,187	1,088	1.01	1,231	159	0.15	1,434	589	0.55	1,837	1.71
Vermont .....	13,552	610	1.49	1,605	207	0.50	1,243	511	1.25	1,328	3.24
Virginia .....	142,535	6,414	1.45	9,179	1,184	0.27	9,246	3,800	0.86	11,398	2.59
Washington .....	99,530	4,479	1.33	13,697	1,767	0.53	8,120	3,337	0.99	9,583	2.85
West Virginia .....	37,789	1,701	1.11	1,672	216	0.14	2,049	842	0.55	2,758	1.80
Wisconsin .....	161,932	7,287	1.93	8,784	1,133	0.30	9,545	3,923	1.04	12,343	3.27
Wyoming .....	15,054	677	1.80	699	90	0.24	1,113	457	1.21	1,225	3.25
Northeast Region .....	1,168,578	52,586	1.31	133,238	17,188	0.43	102,948	42,312	1.05	112,085	2.79
Midwest Region .....	1,465,679	65,956	1.42	97,435	12,569	0.27	99,114	40,736	0.88	119,261	2.56
South Region .....	1,880,124	84,606	1.37	111,696	14,409	0.23	141,741	58,256	0.95	157,270	2.55
West Region .....	1,139,817	51,292	1.45	164,038	21,161	0.60	95,316	39,175	1.11	111,628	3.15
United States .....	5,654,198	254,439	1.38	506,407	65,327	0.36	439,119	180,478	0.98	500,243	2.72

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1983

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	69,597	3,132	1.01	4,067	525	0.17	5,400	2,219	0.71	5,876	1.89
Alaska .....	13,906	626	1.76	1,673	216	0.61	1,470	604	1.70	1,446	4.06
Arizona .....	83,067	3,738	1.62	7,842	1,012	0.44	5,640	2,318	1.00	7,068	3.06
Arkansas .....	41,704	1,877	1.03	1,794	231	0.13	2,800	1,151	0.63	3,259	1.78
California .....	612,224	27,550	1.37	116,592	15,040	0.75	54,304	22,319	1.11	64,909	3.23
Colorado .....	86,398	3,888	1.57	8,750	1,129	0.46	6,767	2,781	1.12	7,798	3.15
Connecticut .....	63,297	2,848	1.10	9,826	1,268	0.49	7,719	3,173	1.23	7,288	2.82
Delaware .....	16,665	750	1.53	1,328	171	0.35	1,594	655	1.34	1,576	3.22
District of Columbia .....	17,937	807	1.55	4,344	560	1.08	3,533	1,452	2.79	2,820	5.41
Florida .....	306,191	13,779	1.56	27,077	3,493	0.40	26,478	10,882	1.23	28,154	3.19
Georgia .....	113,960	5,128	1.14	7,626	984	0.22	11,523	4,736	1.05	10,848	2.42
Hawaii .....	33,313	1,499	1.87	2,727	352	0.44	2,180	896	1.12	2,747	3.43
Idaho .....	23,572	1,061	1.44	1,713	221	0.30	1,368	562	0.76	1,844	2.51
Illinois .....	287,532	12,939	1.42	24,545	3,166	0.35	22,703	9,331	1.03	25,436	2.80
Indiana .....	121,986	5,489	1.27	6,234	804	0.19	7,616	3,130	0.73	9,424	2.19
Iowa .....	70,748	3,184	1.38	2,230	288	0.13	3,590	1,475	0.64	4,947	2.15
Kansas .....	50,943	2,292	1.20	1,898	245	0.13	2,982	1,226	0.64	3,763	1.96
Kentucky .....	73,099	3,289	1.13	2,757	356	0.12	4,919	2,022	0.69	5,667	1.94
Louisiana .....	107,497	4,837	1.43	7,991	1,031	0.30	8,394	3,450	1.02	9,318	2.75
Maine .....	26,786	1,205	1.32	2,044	264	0.29	2,284	939	1.03	2,408	2.63
Maryland .....	104,020	4,681	1.34	9,368	1,208	0.35	10,238	4,208	1.20	10,097	2.89
Massachusetts .....	144,181	6,488	1.36	18,260	2,356	0.50	13,964	5,739	1.21	14,583	3.07
Michigan .....	214,925	9,672	1.35	15,417	1,989	0.28	16,882	6,939	0.97	18,599	2.60
Minnesota .....	99,992	4,500	1.37	6,825	880	0.27	8,744	3,594	1.10	8,974	2.74
Mississippi .....	51,882	2,335	1.19	1,636	211	0.11	3,800	1,562	0.79	4,108	2.09
Missouri .....	120,419	5,419	1.37	6,846	883	0.22	7,496	3,081	0.78	9,383	2.37
Montana .....	25,231	1,135	1.79	1,555	201	0.32	1,520	625	0.99	1,961	3.09
Nebraska .....	41,589	1,872	1.49	2,027	261	0.21	2,409	990	0.79	3,123	2.49
Nevada .....	31,494	1,417	1.98	4,385	566	0.79	4,263	1,752	2.45	3,735	5.22
New Hampshire .....	37,088	1,669	2.17	3,365	434	0.56	4,405	1,810	2.35	3,914	5.08
New Jersey .....	163,219	7,345	1.21	24,491	3,159	0.52	16,747	6,883	1.13	17,387	2.86
New Mexico .....	40,482	1,822	1.72	2,569	331	0.31	2,523	1,037	0.98	3,190	3.00
New York .....	394,026	17,731	1.23	54,069	6,975	0.49	36,866	15,152	1.05	39,858	2.77
North Carolina .....	119,478	5,377	1.10	8,186	1,056	0.22	9,489	3,900	0.80	10,332	2.12
North Dakota .....	17,379	782	1.48	707	91	0.17	1,347	554	1.05	1,427	2.71
Ohio .....	256,889	11,560	1.36	14,281	1,842	0.22	13,433	5,521	0.65	18,923	2.22
Oklahoma .....	59,914	2,696	1.05	3,169	409	0.16	4,831	1,986	0.77	5,090	1.98
Oregon .....	61,457	2,766	1.31	8,620	1,112	0.53	4,372	1,797	0.85	5,674	2.69
Pennsylvania .....	303,042	13,637	1.41	16,522	2,131	0.22	15,740	6,469	0.67	22,237	2.29
Rhode Island .....	25,800	1,161	1.48	3,069	396	0.50	2,036	837	1.06	2,394	3.04
South Carolina .....	71,285	3,208	1.26	3,984	514	0.20	6,275	2,579	1.01	6,301	2.47
South Dakota .....	15,642	704	1.30	717	92	0.17	1,252	515	0.95	1,311	2.43
Tennessee .....	91,262	4,107	1.10	4,069	525	0.14	6,286	2,584	0.69	7,215	1.93
Texas .....	463,463	20,856	1.73	25,557	3,297	0.27	23,342	9,594	0.79	33,746	2.79
Utah .....	21,783	980	0.88	1,192	154	0.14	1,358	558	0.50	1,692	1.52
Vermont .....	14,193	639	1.52	1,615	208	0.50	1,215	499	1.19	1,346	3.21
Virginia .....	146,351	6,586	1.47	9,310	1,201	0.27	8,974	3,688	0.82	11,475	2.57
Washington .....	97,601	4,392	1.29	14,210	1,833	0.54	7,784	3,199	0.94	9,424	2.76
West Virginia .....	38,953	1,753	1.13	1,535	198	0.13	1,820	748	0.48	2,699	1.74
Wisconsin .....	161,669	7,275	1.93	9,744	1,257	0.33	9,801	4,028	1.07	12,560	3.33
Wyoming .....	14,205	639	1.66	659	85	0.22	1,025	421	1.09	1,146	2.98
Northeast Region .....	1,171,632	52,723	1.31	133,261	17,191	0.43	100,976	41,501	1.03	111,415	2.76
Midwest Region .....	1,459,713	65,687	1.41	91,471	11,800	0.25	98,255	40,383	0.87	117,870	2.53
South Region .....	1,893,258	85,197	1.36	123,798	15,970	0.25	139,696	57,415	0.91	158,582	2.52
West Region .....	1,144,733	51,513	1.42	172,485	22,251	0.61	94,574	38,870	1.07	112,633	3.11
United States .....	5,669,336	255,120	1.37	521,017	67,211	0.36	433,501	178,169	0.96	500,500	2.69

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1984

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	71,379	3,212	1.02	4,560	588	0.19	5,270	2,166	0.69	5,966	1.90
Alaska .....	14,187	638	1.73	1,652	213	0.58	1,397	574	1.56	1,426	3.86
Arizona .....	83,200	3,744	1.57	8,300	1,071	0.45	6,178	2,539	1.06	7,354	3.08
Arkansas .....	42,064	1,893	1.02	1,700	219	0.12	2,871	1,180	0.64	3,292	1.78
California .....	627,963	28,258	1.38	116,927	15,084	0.74	53,306	21,909	1.07	65,251	3.19
Colorado .....	84,373	3,797	1.51	8,995	1,160	0.46	6,842	2,812	1.12	7,769	3.09
Connecticut .....	63,963	2,878	1.10	10,056	1,297	0.50	7,617	3,130	1.20	7,306	2.80
Delaware .....	16,607	747	1.51	1,473	190	0.38	1,543	634	1.28	1,571	3.17
District of Columbia .....	18,028	811	1.56	4,464	576	1.11	3,394	1,395	2.68	2,782	5.34
Florida .....	297,605	13,392	1.48	28,234	3,642	0.40	27,436	11,276	1.24	28,311	3.12
Georgia .....	120,655	5,429	1.18	8,363	1,079	0.24	11,871	4,879	1.06	11,387	2.48
Hawaii .....	29,803	1,341	1.65	2,593	334	0.41	1,803	741	0.91	2,417	2.97
Idaho .....	23,155	1,042	1.40	1,800	232	0.31	1,301	535	0.72	1,809	2.43
Illinois .....	283,548	12,760	1.40	25,923	3,344	0.37	22,373	9,195	1.01	25,299	2.77
Indiana .....	121,163	5,452	1.26	6,991	902	0.21	7,654	3,146	0.72	9,500	2.19
Iowa .....	69,960	3,148	1.36	2,131	275	0.12	3,401	1,398	0.61	4,821	2.09
Kansas .....	50,571	2,276	1.18	2,101	271	0.14	2,958	1,216	0.63	3,763	1.95
Kentucky .....	68,633	3,088	1.05	2,832	365	0.12	4,827	1,984	0.68	5,438	1.85
Louisiana .....	106,300	4,784	1.40	7,668	989	0.29	7,786	3,200	0.94	8,973	2.63
Maine .....	25,656	1,155	1.25	2,204	284	0.31	2,282	938	1.01	2,377	2.57
Maryland .....	102,856	4,629	1.31	10,013	1,292	0.36	10,099	4,151	1.17	10,071	2.84
Massachusetts .....	138,070	6,213	1.30	18,848	2,431	0.51	14,446	5,937	1.24	14,582	3.04
Michigan .....	210,473	9,471	1.32	17,236	2,223	0.31	16,994	6,985	0.97	18,679	2.60
Minnesota .....	98,036	4,412	1.34	7,038	908	0.28	8,582	3,527	1.07	8,847	2.68
Mississippi .....	52,251	2,351	1.19	1,623	209	0.11	3,698	1,520	0.77	4,080	2.06
Missouri .....	118,942	5,352	1.34	7,841	1,011	0.25	6,611	2,717	0.68	9,081	2.27
Montana .....	24,222	1,090	1.70	1,579	204	0.32	1,441	592	0.93	1,886	2.95
Nebraska .....	40,406	1,818	1.44	1,997	258	0.20	2,334	959	0.76	3,035	2.41
Nevada .....	32,614	1,468	2.01	4,629	597	0.82	4,200	1,726	2.36	3,791	5.19
New Hampshire .....	34,822	1,567	1.99	3,623	467	0.59	4,472	1,838	2.33	3,872	4.91
New Jersey .....	161,942	7,287	1.19	25,946	3,347	0.55	16,414	6,746	1.10	17,381	2.83
New Mexico .....	41,229	1,855	1.71	2,357	304	0.28	2,004	823	0.76	2,983	2.75
New York .....	368,111	16,565	1.15	55,266	7,129	0.49	36,325	14,930	1.03	38,624	2.67
North Carolina .....	121,873	5,484	1.11	9,351	1,206	0.24	9,460	3,888	0.78	10,579	2.13
North Dakota .....	16,570	746	1.40	683	88	0.17	1,268	521	0.98	1,355	2.55
Ohio .....	267,528	12,039	1.41	16,482	2,126	0.25	12,621	5,187	0.61	19,352	2.26
Oklahoma .....	57,511	2,588	1.01	3,290	424	0.16	4,639	1,907	0.74	4,919	1.91
Oregon .....	60,361	2,716	1.28	8,697	1,122	0.53	4,237	1,741	0.82	5,580	2.63
Pennsylvania .....	296,774	13,355	1.37	15,945	2,057	0.21	15,656	6,435	0.66	21,846	2.25
Rhode Island .....	24,155	1,087	1.37	3,214	415	0.52	1,986	816	1.03	2,318	2.92
South Carolina .....	72,591	3,267	1.26	4,784	617	0.24	6,313	2,594	1.00	6,478	2.50
South Dakota .....	15,343	690	1.27	699	90	0.17	1,182	486	0.89	1,266	2.33
Tennessee .....	92,719	4,172	1.11	4,423	571	0.15	6,385	2,624	0.70	7,367	1.95
Texas .....	475,603	21,402	1.74	26,964	3,478	0.28	23,729	9,753	0.79	34,633	2.82
Utah .....	22,149	997	0.88	1,218	157	0.14	1,423	585	0.52	1,739	1.53
Vermont .....	13,943	627	1.48	1,612	208	0.49	1,189	489	1.15	1,324	3.12
Virginia .....	148,151	6,667	1.46	10,199	1,316	0.29	8,914	3,664	0.80	11,646	2.55
Washington .....	94,794	4,266	1.24	15,183	1,959	0.57	7,619	3,131	0.91	9,356	2.71
West Virginia .....	38,369	1,727	1.12	1,465	189	0.12	1,658	682	0.44	2,597	1.68
Wisconsin .....	156,884	7,060	1.86	8,935	1,153	0.30	9,460	3,888	1.03	12,101	3.19
Wyoming .....	13,443	605	1.58	661	85	0.22	974	400	1.05	1,091	2.86
Northeast Region .....	1,127,435	50,735	1.25	136,714	17,636	0.43	100,386	41,259	1.01	109,629	2.70
Midwest Region .....	1,449,425	65,224	1.39	98,055	12,649	0.27	95,438	39,225	0.84	117,098	2.50
South Region .....	1,903,195	85,644	1.34	131,405	16,951	0.27	139,892	57,496	0.90	160,091	2.51
West Region .....	1,151,494	51,817	1.41	174,591	22,522	0.61	92,725	38,110	1.04	112,449	3.05
United States .....	5,631,550	253,420	1.35	540,766	69,759	0.37	428,442	176,089	0.94	499,268	2.65

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1985

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	74,669	3,360	1.06	4,241	547	0.17	5,161	2,121	0.67	6,028	1.90
Alaska .....	14,316	644	1.68	1,719	222	0.58	1,426	586	1.53	1,452	3.78
Arizona .....	92,902	4,181	1.67	8,836	1,140	0.46	6,071	2,495	1.00	7,816	3.12
Arkansas .....	42,775	1,925	1.03	1,902	245	0.13	2,635	1,083	0.58	3,253	1.75
California .....	618,879	27,850	1.32	127,454	16,442	0.78	52,198	21,453	1.02	65,745	3.12
Colorado .....	83,760	3,769	1.47	9,931	1,281	0.50	7,330	3,013	1.18	8,063	3.15
Connecticut .....	66,089	2,974	1.14	10,219	1,318	0.50	7,634	3,138	1.20	7,430	2.84
Delaware .....	16,324	735	1.46	1,591	205	0.41	1,585	652	1.30	1,591	3.16
District of Columbia .....	17,295	778	1.49	4,184	540	1.03	3,087	1,269	2.42	2,587	4.94
Florida .....	309,001	13,905	1.47	29,720	3,834	0.41	26,710	10,978	1.16	28,717	3.04
Georgia .....	122,507	5,513	1.17	9,276	1,197	0.25	11,602	4,768	1.01	11,478	2.43
Hawaii .....	29,195	1,314	1.59	2,638	340	0.41	1,762	724	0.88	2,378	2.88
Idaho .....	22,479	1,012	1.35	2,091	270	0.36	1,287	529	0.71	1,810	2.42
Illinois .....	280,361	12,616	1.38	26,351	3,399	0.37	21,759	8,943	0.98	24,958	2.72
Indiana .....	120,742	5,433	1.25	7,399	954	0.22	7,645	3,142	0.72	9,530	2.19
Iowa .....	66,596	2,997	1.31	2,516	325	0.14	3,192	1,312	0.57	4,633	2.02
Kansas .....	50,287	2,263	1.17	2,291	295	0.15	2,982	1,225	0.64	3,784	1.96
Kentucky .....	70,041	3,152	1.07	3,077	397	0.13	4,723	1,941	0.66	5,490	1.86
Louisiana .....	103,059	4,638	1.35	7,240	934	0.27	7,188	2,954	0.86	8,526	2.49
Maine .....	26,786	1,205	1.29	2,399	310	0.33	2,135	877	0.94	2,392	2.56
Maryland .....	104,036	4,682	1.31	10,073	1,299	0.36	9,926	4,080	1.14	10,061	2.81
Massachusetts .....	139,030	6,256	1.30	18,922	2,441	0.51	14,150	5,816	1.21	14,513	3.01
Michigan .....	209,576	9,431	1.30	17,922	2,312	0.32	16,758	6,888	0.95	18,630	2.58
Minnesota .....	96,422	4,339	1.31	8,088	1,043	0.31	8,561	3,519	1.06	8,901	2.68
Mississippi .....	53,805	2,421	1.21	1,583	204	0.10	3,557	1,462	0.73	4,087	2.04
Missouri .....	118,877	5,349	1.33	8,120	1,047	0.26	7,461	3,066	0.76	9,463	2.36
Montana .....	22,933	1,032	1.60	1,633	211	0.33	1,377	566	0.88	1,809	2.81
Nebraska .....	39,110	1,760	1.40	2,100	271	0.22	2,298	944	0.75	2,975	2.37
Nevada .....	33,439	1,505	1.96	5,008	646	0.84	4,070	1,673	2.18	3,824	4.99
New Hampshire .....	35,661	1,605	1.99	3,307	427	0.53	4,354	1,789	2.21	3,821	4.73
New Jersey .....	161,540	7,269	1.18	26,510	3,420	0.55	16,224	6,668	1.08	17,357	2.81
New Mexico .....	41,621	1,873	1.70	3,043	393	0.36	2,065	849	0.77	3,114	2.83
New York .....	369,214	16,615	1.14	55,483	7,157	0.49	34,515	14,186	0.98	37,958	2.62
North Carolina .....	123,214	5,545	1.09	10,671	1,377	0.27	9,397	3,862	0.76	10,783	2.13
North Dakota .....	15,687	706	1.33	773	100	0.19	1,233	507	0.96	1,312	2.48
Ohio .....	259,933	11,697	1.37	16,855	2,174	0.25	12,206	5,017	0.59	18,888	2.20
Oklahoma .....	59,596	2,682	1.04	3,031	391	0.15	4,242	1,744	0.68	4,816	1.87
Oregon .....	59,293	2,668	1.25	9,159	1,181	0.55	4,017	1,651	0.77	5,501	2.57
Pennsylvania .....	294,804	13,266	1.37	15,449	1,993	0.21	15,250	6,268	0.65	21,527	2.22
Rhode Island .....	24,880	1,120	1.40	3,161	408	0.51	2,006	825	1.03	2,352	2.94
South Carolina .....	73,966	3,328	1.26	5,098	658	0.25	6,341	2,606	0.99	6,592	2.49
South Dakota .....	14,800	666	1.22	744	96	0.18	1,244	511	0.94	1,273	2.34
Tennessee .....	94,415	4,249	1.11	4,819	622	0.16	6,269	2,577	0.67	7,447	1.94
Texas .....	470,081	21,154	1.68	29,132	3,758	0.30	22,383	9,200	0.73	34,111	2.70
Utah .....	22,656	1,020	0.90	1,335	172	0.15	1,467	603	0.53	1,795	1.58
Vermont .....	14,217	640	1.49	1,837	237	0.55	1,138	468	1.09	1,344	3.13
Virginia .....	149,715	6,737	1.46	10,646	1,373	0.30	8,880	3,650	0.79	11,760	2.55
Washington .....	94,676	4,260	1.22	16,097	2,076	0.59	7,419	3,049	0.87	9,386	2.68
West Virginia .....	38,080	1,714	1.11	1,585	204	0.13	1,570	645	0.42	2,563	1.66
Wisconsin .....	153,493	6,907	1.82	9,338	1,205	0.32	9,718	3,994	1.05	12,106	3.19
Wyoming .....	13,221	595	1.56	725	94	0.25	958	394	1.03	1,082	2.84
Northeast Region .....	1,132,221	50,950	1.25	137,286	17,710	0.43	97,406	40,034	0.98	108,694	2.66
Midwest Region .....	1,425,883	64,165	1.37	102,494	13,222	0.28	95,057	39,068	0.83	116,455	2.48
South Region .....	1,922,580	86,516	1.33	137,869	17,785	0.27	135,256	55,590	0.85	159,891	2.46
West Region .....	1,149,369	51,722	1.37	189,669	24,467	0.65	91,446	37,584	1.00	113,773	3.02
United States .....	5,630,054	253,352	1.33	567,318	73,184	0.38	419,165	172,277	0.90	498,813	2.62

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1986

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	77,448	3,485	1.09	4,348	561	0.18	4,979	2,046	0.64	6,092	1.90
Alaska .....	14,711	662	1.68	1,710	221	0.56	1,219	501	1.27	1,384	3.51
Arizona .....	101,449	4,565	1.77	9,153	1,181	0.46	5,704	2,344	0.91	8,090	3.14
Arkansas .....	44,257	1,992	1.06	1,342	173	0.09	2,189	900	0.48	3,064	1.63
California .....	649,059	29,208	1.36	130,573	16,844	0.79	50,068	20,578	0.96	66,629	3.11
Colorado .....	84,790	3,816	1.47	9,328	1,203	0.46	5,904	2,427	0.94	7,446	2.87
Connecticut .....	65,933	2,967	1.13	10,448	1,348	0.51	7,366	3,027	1.15	7,342	2.79
Delaware .....	16,448	740	1.45	1,756	227	0.44	1,534	630	1.23	1,597	3.13
District of Columbia .....	17,444	785	1.52	4,182	540	1.04	2,762	1,135	2.19	2,459	4.75
Florida .....	322,199	14,499	1.50	31,139	4,017	0.41	24,812	10,198	1.05	28,714	2.96
Georgia .....	129,793	5,841	1.22	10,001	1,290	0.27	11,066	4,548	0.95	11,679	2.43
Hawaii .....	29,782	1,340	1.60	2,838	366	0.44	1,737	714	0.85	2,420	2.88
Idaho .....	22,526	1,014	1.34	2,234	288	0.38	1,119	460	0.61	1,762	2.33
Illinois .....	285,335	12,840	1.40	27,536	3,552	0.39	20,063	8,246	0.90	24,638	2.68
Indiana .....	121,355	5,461	1.25	7,810	1,007	0.23	7,094	2,915	0.67	9,384	2.14
Iowa .....	66,732	3,003	1.32	3,435	443	0.19	2,933	1,205	0.53	4,651	2.04
Kansas .....	48,815	2,197	1.12	2,509	324	0.17	2,809	1,154	0.59	3,675	1.88
Kentucky .....	71,702	3,227	1.09	3,090	399	0.13	4,449	1,829	0.62	5,454	1.84
Louisiana .....	106,708	4,802	1.39	6,828	881	0.26	6,514	2,677	0.78	8,360	2.42
Maine .....	26,942	1,212	1.28	2,646	341	0.36	2,094	861	0.91	2,414	2.56
Maryland .....	103,547	4,660	1.29	10,868	1,402	0.39	9,520	3,913	1.08	9,974	2.75
Massachusetts .....	140,923	6,342	1.31	19,747	2,547	0.53	13,184	5,419	1.12	14,307	2.96
Michigan .....	214,912	9,671	1.33	18,836	2,430	0.33	15,987	6,571	0.90	18,672	2.56
Minnesota .....	97,041	4,367	1.30	8,718	1,125	0.34	7,519	3,090	0.92	8,582	2.56
Mississippi .....	56,419	2,539	1.26	1,522	196	0.10	3,338	1,372	0.68	4,107	2.04
Missouri .....	123,056	5,538	1.36	8,703	1,123	0.28	7,129	2,930	0.72	9,590	2.36
Montana .....	22,417	1,009	1.58	1,676	216	0.34	1,256	516	0.81	1,741	2.73
Nebraska .....	38,822	1,747	1.38	2,215	286	0.23	2,066	849	0.67	2,882	2.28
Nevada .....	35,782	1,610	2.07	5,298	683	0.88	3,986	1,638	2.11	3,932	5.05
New Hampshire .....	35,596	1,602	1.93	3,353	433	0.52	4,164	1,712	2.06	3,746	4.51
New Jersey .....	163,564	7,360	1.18	27,194	3,508	0.56	15,732	6,466	1.03	17,334	2.77
New Mexico .....	41,335	1,860	1.64	3,103	400	0.35	1,936	796	0.70	3,056	2.70
New York .....	362,738	16,323	1.13	56,390	7,274	0.50	32,373	13,305	0.92	36,903	2.55
North Carolina .....	126,841	5,708	1.12	11,781	1,520	0.30	9,162	3,766	0.74	10,993	2.15
North Dakota .....	15,509	698	1.32	893	115	0.22	1,105	454	0.86	1,267	2.40
Ohio .....	251,563	11,320	1.32	16,825	2,170	0.25	12,550	5,158	0.60	18,649	2.17
Oklahoma .....	60,364	2,716	1.04	3,060	395	0.15	3,857	1,585	0.61	4,696	1.80
Oregon .....	60,758	2,734	1.26	9,162	1,182	0.54	3,869	1,590	0.73	5,506	2.54
Pennsylvania .....	299,808	13,491	1.38	15,568	2,008	0.21	15,093	6,203	0.64	21,703	2.23
Rhode Island .....	25,152	1,132	1.41	3,301	426	0.53	1,820	748	0.93	2,306	2.86
South Carolina .....	77,302	3,479	1.30	5,599	722	0.27	5,996	2,464	0.92	6,665	2.50
South Dakota .....	15,011	675	1.22	826	107	0.19	1,092	449	0.81	1,231	2.23
Tennessee .....	100,384	4,517	1.17	4,770	615	0.16	5,887	2,420	0.63	7,552	1.96
Texas .....	475,542	21,399	1.67	30,567	3,943	0.31	20,401	8,385	0.65	33,727	2.63
Utah .....	22,792	1,026	0.89	1,481	191	0.17	1,473	605	0.52	1,822	1.58
Vermont .....	14,943	672	1.55	1,977	255	0.59	1,099	452	1.04	1,379	3.17
Virginia .....	159,091	7,159	1.52	9,838	1,269	0.27	8,416	3,459	0.74	11,887	2.53
Washington .....	97,451	4,385	1.23	16,760	2,162	0.61	7,088	2,913	0.82	9,460	2.65
West Virginia .....	37,493	1,687	1.10	1,578	204	0.13	1,544	635	0.41	2,525	1.64
Wisconsin .....	157,933	7,107	1.87	10,020	1,293	0.34	8,820	3,625	0.95	12,024	3.16
Wyoming .....	12,437	560	1.46	763	98	0.26	864	355	0.92	1,013	2.64
Northeast Region .....	1,135,599	51,102	1.25	140,624	18,140	0.44	92,925	38,192	0.93	107,435	2.62
Midwest Region .....	1,436,084	64,624	1.37	108,325	13,974	0.30	89,166	36,647	0.78	115,245	2.44
South Region .....	1,982,981	89,234	1.35	142,268	18,353	0.28	126,425	51,961	0.79	159,547	2.42
West Region .....	1,195,287	53,788	1.40	194,078	25,036	0.65	86,221	35,437	0.92	114,261	2.98
United States .....	5,749,953	258,748	1.34	585,299	75,504	0.39	394,738	162,237	0.84	496,489	2.58

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1987

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	78,730	3,543	1.10	4,571	590	0.18	4,803	1,974	0.61	6,106	1.89
Alaska .....	14,041	632	1.64	1,605	207	0.54	1,208	497	1.29	1,335	3.46
Arizona .....	98,739	4,443	1.67	9,557	1,233	0.46	5,546	2,279	0.86	7,956	2.99
Arkansas .....	45,262	2,037	1.08	1,548	200	0.11	2,420	995	0.53	3,231	1.71
California .....	662,484	29,812	1.36	125,764	16,224	0.74	49,516	20,351	0.93	66,386	3.03
Colorado .....	83,022	3,736	1.43	8,941	1,153	0.44	5,875	2,415	0.93	7,304	2.80
Connecticut .....	67,603	3,042	1.15	10,596	1,367	0.52	7,183	2,952	1.12	7,361	2.79
Delaware .....	16,691	751	1.44	1,711	221	0.42	1,537	632	1.22	1,604	3.08
District of Columbia .....	16,926	762	1.48	3,987	514	1.00	2,971	1,221	2.37	2,497	4.85
Florida .....	332,631	14,968	1.51	32,128	4,144	0.42	24,895	10,232	1.03	29,345	2.95
Georgia .....	132,740	5,973	1.22	10,166	1,311	0.27	11,971	4,920	1.00	12,205	2.49
Hawaii .....	29,852	1,343	1.57	2,661	343	0.40	1,587	652	0.76	2,339	2.73
Idaho .....	21,972	989	1.31	2,219	286	0.38	1,061	436	0.58	1,711	2.26
Illinois .....	288,792	12,996	1.41	27,637	3,565	0.39	19,489	8,010	0.87	24,571	2.66
Indiana .....	121,685	5,476	1.24	7,624	983	0.22	7,150	2,939	0.67	9,398	2.13
Iowa .....	65,507	2,948	1.30	3,699	477	0.21	3,171	1,303	0.57	4,728	2.08
Kansas .....	48,926	2,202	1.12	2,481	320	0.16	2,671	1,098	0.56	3,620	1.84
Kentucky .....	67,736	3,048	1.03	3,155	407	0.14	4,297	1,766	0.59	5,221	1.76
Louisiana .....	103,346	4,651	1.36	6,348	819	0.24	6,218	2,555	0.75	8,025	2.34
Maine .....	26,872	1,209	1.26	2,783	359	0.38	2,113	868	0.91	2,437	2.55
Maryland .....	105,649	4,754	1.29	10,791	1,392	0.38	9,534	3,918	1.07	10,065	2.74
Massachusetts .....	138,965	6,253	1.29	19,189	2,475	0.51	13,255	5,448	1.12	14,177	2.93
Michigan .....	215,038	9,677	1.32	18,944	2,444	0.33	15,204	6,249	0.85	18,369	2.50
Minnesota .....	98,593	4,437	1.31	8,256	1,065	0.32	7,689	3,160	0.94	8,662	2.56
Mississippi .....	56,609	2,547	1.26	1,455	188	0.09	3,217	1,322	0.66	4,057	2.01
Missouri .....	123,762	5,569	1.36	8,682	1,120	0.27	7,164	2,944	0.72	9,633	2.35
Montana .....	22,017	991	1.57	1,624	209	0.33	1,178	484	0.77	1,685	2.67
Nebraska .....	39,155	1,762	1.40	2,162	279	0.22	2,011	826	0.65	2,867	2.27
Nevada .....	36,850	1,658	2.05	5,292	683	0.84	4,118	1,692	2.09	4,033	4.99
New Hampshire .....	36,631	1,648	1.93	3,302	426	0.50	4,118	1,692	1.98	3,767	4.41
New Jersey .....	164,728	7,413	1.18	26,171	3,376	0.54	15,388	6,325	1.01	17,113	2.72
New Mexico .....	41,494	1,867	1.63	3,128	403	0.35	1,863	766	0.67	3,036	2.64
New York .....	370,987	16,694	1.15	53,585	6,912	0.48	31,814	13,076	0.90	36,682	2.53
North Carolina .....	127,989	5,760	1.11	11,174	1,441	0.28	8,965	3,685	0.71	10,886	2.10
North Dakota .....	15,635	704	1.35	817	105	0.20	1,110	456	0.87	1,265	2.42
Ohio .....	258,237	11,621	1.35	15,795	2,038	0.24	12,292	5,052	0.59	18,710	2.17
Oklahoma .....	59,591	2,682	1.04	2,975	384	0.15	3,539	1,455	0.57	4,520	1.76
Oregon .....	61,539	2,769	1.26	8,925	1,151	0.53	3,814	1,568	0.72	5,488	2.50
Pennsylvania .....	299,912	13,496	1.38	15,352	1,980	0.20	14,607	6,003	0.61	21,480	2.20
Rhode Island .....	25,221	1,135	1.40	3,242	418	0.52	1,858	764	0.94	2,317	2.85
South Carolina .....	80,644	3,629	1.34	5,699	735	0.27	5,791	2,380	0.88	6,744	2.49
South Dakota .....	15,215	685	1.24	829	107	0.19	1,063	437	0.79	1,228	2.22
Tennessee .....	101,866	4,584	1.17	4,600	593	0.15	5,876	2,415	0.62	7,592	1.94
Texas .....	461,986	20,789	1.61	28,992	3,740	0.29	19,066	7,836	0.61	32,366	2.51
Utah .....	21,850	983	0.84	1,366	176	0.15	1,407	578	0.50	1,738	1.49
Vermont .....	15,229	685	1.55	1,970	254	0.58	1,055	434	0.98	1,373	3.11
Virginia .....	148,506	6,683	1.40	9,497	1,225	0.26	8,233	3,384	0.71	11,292	2.36
Washington .....	99,376	4,472	1.23	15,647	2,018	0.56	6,978	2,868	0.79	9,359	2.58
West Virginia .....	37,683	1,696	1.11	1,525	197	0.13	1,508	620	0.41	2,512	1.64
Wisconsin .....	151,475	6,816	1.78	10,516	1,357	0.35	9,066	3,726	0.97	11,899	3.11
Wyoming .....	12,020	541	1.46	698	90	0.24	780	321	0.86	952	2.56
Northeast Region .....	1,146,148	51,577	1.25	136,190	17,569	0.43	91,391	37,562	0.91	106,707	2.60
Midwest Region .....	1,442,020	64,891	1.37	107,442	13,860	0.29	88,080	36,201	0.76	114,952	2.42
South Region .....	1,974,585	88,856	1.33	140,322	18,102	0.27	124,841	51,310	0.77	158,268	2.37
West Region .....	1,205,256	54,237	1.39	187,427	24,178	0.62	84,931	34,907	0.89	113,321	2.90
United States .....	5,768,009	259,560	1.34	571,381	73,708	0.38	389,243	159,979	0.82	493,247	2.54

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1988

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	79,665	3,585	1.10	4,596	593	0.18	4,799	1,972	0.61	6,150	1.89
Alaska .....	13,709	617	1.60	1,469	190	0.49	1,153	474	1.23	1,280	3.32
Arizona .....	99,190	4,464	1.64	8,813	1,137	0.42	5,844	2,402	0.88	8,002	2.94
Arkansas .....	45,205	2,034	1.07	2,005	259	0.14	2,465	1,013	0.53	3,306	1.74
California .....	662,221	29,800	1.34	117,039	15,098	0.68	48,176	19,800	0.89	64,698	2.90
Colorado .....	82,599	3,717	1.42	7,935	1,024	0.39	5,761	2,368	0.91	7,108	2.72
Connecticut .....	66,885	3,010	1.14	10,370	1,338	0.51	6,902	2,837	1.07	7,184	2.71
Delaware .....	16,961	763	1.44	1,653	213	0.40	1,534	631	1.19	1,607	3.03
District of Columbia .....	16,424	739	1.47	3,838	495	0.99	2,473	1,016	2.02	2,250	4.48
Florida .....	339,928	15,297	1.51	32,135	4,145	0.41	24,755	10,174	1.00	29,617	2.92
Georgia .....	134,611	6,058	1.22	10,042	1,295	0.26	11,133	4,576	0.92	11,929	2.40
Hawaii .....	31,198	1,404	1.62	3,018	389	0.45	1,672	687	0.79	2,480	2.86
Idaho .....	21,124	951	1.25	2,136	276	0.36	1,072	441	0.58	1,667	2.18
Illinois .....	292,175	13,148	1.42	26,876	3,467	0.37	19,133	7,864	0.85	24,479	2.64
Indiana .....	121,620	5,473	1.23	7,171	925	0.21	7,138	2,934	0.66	9,332	2.10
Iowa .....	64,801	2,916	1.28	3,473	448	0.20	2,860	1,176	0.52	4,540	1.99
Kansas .....	48,725	2,193	1.11	3,293	425	0.21	2,688	1,105	0.56	3,722	1.88
Kentucky .....	71,473	3,216	1.08	2,828	365	0.12	4,263	1,752	0.59	5,333	1.79
Louisiana .....	108,532	4,884	1.44	6,193	799	0.24	5,699	2,342	0.69	8,025	2.37
Maine .....	27,649	1,244	1.28	2,682	346	0.36	2,145	882	0.91	2,472	2.54
Maryland .....	104,103	4,685	1.26	10,431	1,346	0.36	9,137	3,755	1.01	9,786	2.62
Massachusetts .....	139,528	6,279	1.29	18,846	2,431	0.50	12,636	5,193	1.07	13,903	2.86
Michigan .....	214,646	9,659	1.31	18,274	2,357	0.32	14,978	6,156	0.84	18,172	2.47
Minnesota .....	98,589	4,437	1.30	7,982	1,030	0.30	7,446	3,060	0.89	8,527	2.49
Mississippi .....	57,391	2,583	1.28	1,429	184	0.09	3,226	1,326	0.66	4,093	2.03
Missouri .....	121,986	5,489	1.33	8,039	1,037	0.25	6,921	2,844	0.69	9,371	2.28
Montana .....	22,236	1,001	1.59	1,546	199	0.32	1,160	477	0.76	1,677	2.66
Nebraska .....	38,665	1,740	1.37	2,138	276	0.22	1,994	820	0.65	2,835	2.23
Nevada .....	39,957	1,798	2.13	5,109	659	0.78	4,101	1,686	2.00	4,143	4.91
New Hampshire .....	36,969	1,664	1.91	3,286	424	0.49	4,115	1,691	1.94	3,779	4.33
New Jersey .....	161,339	7,260	1.15	24,833	3,203	0.51	14,245	5,855	0.93	16,318	2.58
New Mexico .....	41,804	1,881	1.63	2,952	381	0.33	1,887	775	0.67	3,037	2.64
New York .....	371,362	16,711	1.15	50,250	6,482	0.45	30,692	12,614	0.87	35,808	2.47
North Carolina .....	130,245	5,861	1.12	11,526	1,487	0.28	8,723	3,585	0.68	10,933	2.09
North Dakota .....	15,973	719	1.38	755	97	0.19	1,092	449	0.86	1,265	2.43
Ohio .....	257,704	11,597	1.34	15,936	2,056	0.24	11,465	4,712	0.54	18,364	2.11
Oklahoma .....	59,292	2,668	1.05	2,750	355	0.14	3,127	1,285	0.50	4,308	1.69
Oregon .....	62,666	2,820	1.27	8,845	1,141	0.51	3,824	1,572	0.71	5,533	2.48
Pennsylvania .....	303,085	13,639	1.39	14,253	1,839	0.19	12,665	5,205	0.53	20,683	2.11
Rhode Island .....	25,152	1,132	1.39	3,104	400	0.49	1,918	788	0.97	2,320	2.85
South Carolina .....	83,081	3,739	1.37	5,519	712	0.26	5,904	2,427	0.89	6,877	2.51
South Dakota .....	15,003	675	1.21	689	89	0.16	1,034	425	0.76	1,189	2.13
Tennessee .....	105,267	4,737	1.20	4,397	567	0.14	5,772	2,372	0.60	7,677	1.95
Texas .....	460,060	20,703	1.61	27,787	3,585	0.28	18,355	7,544	0.59	31,831	2.47
Utah .....	21,584	971	0.83	1,291	167	0.14	1,388	570	0.49	1,708	1.45
Vermont .....	15,048	677	1.51	1,928	249	0.56	1,014	417	0.93	1,342	3.00
Virginia .....	142,399	6,408	1.31	9,610	1,240	0.25	8,024	3,298	0.68	10,946	2.24
Washington .....	100,933	4,542	1.22	14,364	1,853	0.50	6,939	2,852	0.77	9,247	2.49
West Virginia .....	37,655	1,694	1.12	1,375	177	0.12	1,489	612	0.40	2,484	1.64
Wisconsin .....	149,647	6,734	1.75	9,841	1,269	0.33	8,870	3,646	0.95	11,649	3.02
Wyoming .....	11,322	509	1.39	654	84	0.23	744	306	0.84	899	2.46
Northeast Region .....	1,147,017	51,616	1.25	129,551	16,712	0.40	86,332	35,482	0.86	103,810	2.52
Midwest Region .....	1,439,534	64,779	1.36	104,466	13,476	0.28	85,619	35,189	0.74	113,445	2.38
South Region .....	1,992,291	89,653	1.33	138,116	17,817	0.27	120,879	49,681	0.74	157,151	2.34
West Region .....	1,210,542	54,474	1.37	175,170	22,597	0.57	83,720	34,409	0.87	111,480	2.80
United States .....	5,789,384	260,522	1.33	547,304	70,602	0.36	376,550	154,762	0.79	485,886	2.48

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

**1989**

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	79,990	3,600	1.10	4,267	550	0.17	4,735	1,946	0.60	6,096	1.87
Alaska .....	13,624	613	1.57	1,389	179	0.46	1,172	482	1.24	1,274	3.27
Arizona .....	103,057	4,638	1.68	7,717	996	0.36	5,733	2,356	0.85	7,989	2.89
Arkansas .....	45,736	2,058	1.08	1,857	240	0.13	2,649	1,089	0.57	3,386	1.78
California .....	664,432	29,899	1.31	107,760	13,901	0.61	48,041	19,745	0.87	63,546	2.79
Colorado .....	81,418	3,664	1.40	7,524	971	0.37	5,333	2,192	0.84	6,826	2.60
Connecticut .....	64,158	2,887	1.09	9,632	1,243	0.47	6,324	2,599	0.98	6,729	2.54
Delaware .....	16,769	755	1.40	1,584	204	0.38	1,477	607	1.13	1,566	2.91
District of Columbia .....	16,238	731	1.49	3,352	432	0.88	2,200	904	1.85	2,067	4.22
Florida .....	349,367	15,722	1.51	31,189	4,023	0.39	25,357	10,422	1.00	30,167	2.90
Georgia .....	132,593	5,967	1.18	9,492	1,225	0.24	11,547	4,746	0.94	11,937	2.37
Hawaii .....	30,138	1,356	1.54	2,910	375	0.43	1,689	694	0.79	2,426	2.76
Idaho .....	21,195	954	1.23	1,828	236	0.30	1,049	431	0.56	1,621	2.09
Illinois .....	286,154	12,877	1.38	25,448	3,283	0.35	18,679	7,677	0.82	23,837	2.56
Indiana .....	120,376	5,417	1.21	6,668	860	0.19	6,873	2,825	0.63	9,102	2.04
Iowa .....	63,940	2,877	1.26	3,208	414	0.18	2,775	1,141	0.50	4,432	1.94
Kansas .....	48,725	2,193	1.10	1,995	257	0.13	2,604	1,070	0.54	3,520	1.77
Kentucky .....	71,336	3,210	1.08	2,727	352	0.12	4,092	1,682	0.56	5,244	1.76
Louisiana .....	106,895	4,810	1.43	6,082	785	0.23	5,859	2,408	0.72	8,003	2.38
Maine .....	27,434	1,235	1.25	2,587	334	0.34	2,040	838	0.85	2,406	2.44
Maryland .....	101,930	4,587	1.22	9,986	1,288	0.34	9,041	3,716	0.98	9,591	2.54
Massachusetts .....	136,583	6,146	1.26	17,659	2,278	0.47	12,028	4,943	1.02	13,368	2.75
Michigan .....	210,798	9,486	1.29	16,879	2,177	0.30	14,354	5,900	0.80	17,563	2.38
Minnesota .....	98,078	4,414	1.28	7,168	925	0.27	7,425	3,052	0.88	8,390	2.43
Mississippi .....	56,647	2,549	1.26	1,451	187	0.09	3,201	1,315	0.65	4,052	2.00
Missouri .....	122,308	5,504	1.33	7,147	922	0.22	6,904	2,838	0.69	9,263	2.24
Montana .....	21,916	986	1.56	1,417	183	0.29	1,111	456	0.72	1,625	2.57
Nebraska .....	38,809	1,746	1.37	1,914	247	0.19	1,928	792	0.62	2,786	2.18
Nevada .....	43,018	1,936	2.18	5,039	650	0.73	4,140	1,702	1.92	4,287	4.83
New Hampshire .....	36,858	1,659	1.87	3,452	445	0.50	4,304	1,769	1.99	3,873	4.37
New Jersey .....	158,485	7,132	1.13	24,550	3,167	0.50	14,658	6,024	0.96	16,323	2.59
New Mexico .....	42,497	1,912	1.64	2,606	336	0.29	1,831	753	0.65	3,001	2.58
New York .....	359,860	16,194	1.12	47,336	6,106	0.42	28,984	11,913	0.82	34,213	2.36
North Carolina .....	133,314	5,999	1.13	11,230	1,449	0.27	8,488	3,488	0.66	10,936	2.06
North Dakota .....	15,777	710	1.38	683	88	0.17	1,050	431	0.84	1,230	2.38
Ohio .....	260,695	11,731	1.35	15,030	1,939	0.22	10,689	4,393	0.50	18,063	2.07
Oklahoma .....	59,395	2,673	1.05	2,601	336	0.13	3,262	1,341	0.53	4,349	1.70
Oregon .....	63,514	2,858	1.26	8,133	1,049	0.46	3,814	1,568	0.69	5,475	2.41
Pennsylvania .....	296,136	13,326	1.36	13,827	1,784	0.18	13,353	5,488	0.56	20,598	2.10
Rhode Island .....	24,783	1,115	1.37	2,915	376	0.46	1,721	707	0.87	2,199	2.69
South Carolina .....	84,388	3,797	1.37	5,192	670	0.24	5,767	2,370	0.86	6,838	2.47
South Dakota .....	15,473	696	1.25	629	81	0.15	947	389	0.70	1,167	2.09
Tennessee .....	104,120	4,685	1.18	4,248	548	0.14	5,673	2,332	0.59	7,565	1.90
Texas .....	468,126	21,066	1.62	26,733	3,449	0.26	18,362	7,547	0.58	32,061	2.46
Utah .....	21,680	976	0.82	1,237	160	0.13	1,364	561	0.47	1,696	1.42
Vermont .....	14,720	662	1.45	1,818	235	0.51	971	399	0.88	1,296	2.84
Virginia .....	134,680	6,061	1.23	11,879	1,532	0.31	7,770	3,193	0.65	10,786	2.19
Washington .....	104,217	4,690	1.24	13,670	1,763	0.47	6,929	2,848	0.75	9,301	2.45
West Virginia .....	37,567	1,691	1.12	1,234	159	0.11	1,377	566	0.38	2,416	1.60
Wisconsin .....	146,865	6,609	1.71	9,198	1,186	0.31	8,940	3,674	0.95	11,470	2.96
Wyoming .....	10,936	492	1.35	611	79	0.22	726	298	0.82	869	2.38
Northeast Region .....	1,119,018	50,356	1.22	123,775	15,967	0.39	84,382	34,681	0.84	101,004	2.44
Midwest Region .....	1,427,998	64,260	1.34	95,966	12,380	0.26	83,167	34,182	0.71	110,821	2.31
South Region .....	1,999,090	89,959	1.33	135,105	17,429	0.26	120,859	49,673	0.73	157,061	2.31
West Region .....	1,221,643	54,974	1.36	161,842	20,878	0.51	82,934	34,086	0.84	109,937	2.71
United States .....	5,767,750	259,549	1.31	516,689	66,653	0.34	371,342	152,621	0.77	478,823	2.42

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1990

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	80,899	3,640	1.13	4,566	589	0.18	4,830	1,985	0.62	6,215	1.93
Alaska .....	14,607	657	1.62	1,466	189	0.46	1,234	507	1.25	1,354	3.33
Arizona .....	101,755	4,579	1.59	8,276	1,068	0.37	5,630	2,314	0.80	7,960	2.77
Arkansas .....	46,863	2,109	1.13	1,875	242	0.13	2,774	1,140	0.61	3,491	1.87
California .....	691,050	31,097	1.32	106,909	13,791	0.59	49,877	20,499	0.87	65,388	2.78
Colorado .....	77,974	3,509	1.35	5,910	762	0.29	4,738	1,947	0.75	6,218	2.39
Connecticut .....	65,000	2,925	1.09	9,488	1,224	0.46	6,026	2,477	0.92	6,626	2.46
Delaware .....	17,215	775	1.45	1,552	200	0.37	1,483	610	1.14	1,585	2.97
District of Columbia .....	16,225	730	1.42	3,050	393	0.77	2,456	1,010	1.97	2,133	4.16
Florida .....	365,079	16,429	1.54	32,045	4,134	0.39	26,849	11,035	1.04	31,597	2.97
Georgia .....	139,039	6,257	1.22	9,201	1,187	0.23	10,805	4,441	0.87	11,884	2.32
Hawaii .....	32,470	1,461	1.65	2,753	355	0.40	1,716	705	0.80	2,522	2.86
Idaho .....	23,048	1,037	1.36	1,939	250	0.33	1,085	446	0.59	1,733	2.27
Illinois .....	290,352	13,066	1.44	25,731	3,319	0.37	18,291	7,518	0.83	23,903	2.63
Indiana .....	124,264	5,592	1.27	6,829	881	0.20	6,842	2,812	0.64	9,285	2.11
Iowa .....	66,011	2,971	1.35	3,162	408	0.18	2,893	1,189	0.54	4,567	2.07
Kansas .....	48,827	2,197	1.13	1,985	256	0.13	2,511	1,032	0.53	3,485	1.79
Kentucky .....	73,696	3,316	1.13	2,570	332	0.11	4,313	1,773	0.60	5,420	1.84
Louisiana .....	111,375	5,012	1.55	5,897	761	0.23	6,188	2,543	0.78	8,316	2.56
Maine .....	26,577	1,196	1.22	2,374	306	0.31	1,974	811	0.82	2,313	2.35
Maryland .....	104,108	4,685	1.22	9,941	1,282	0.33	8,968	3,686	0.96	9,653	2.51
Massachusetts .....	133,706	6,017	1.22	17,298	2,231	0.45	11,623	4,777	0.97	13,025	2.64
Michigan .....	218,289	9,823	1.34	16,126	2,080	0.28	14,411	5,923	0.81	17,826	2.42
Minnesota .....	101,354	4,561	1.33	7,202	929	0.27	8,032	3,301	0.96	8,791	2.56
Mississippi .....	59,871	2,694	1.35	1,420	183	0.09	3,183	1,308	0.66	4,186	2.10
Missouri .....	124,578	5,606	1.38	7,080	913	0.22	6,959	2,860	0.70	9,380	2.30
Montana .....	22,230	1,000	1.61	1,415	183	0.29	1,173	482	0.77	1,665	2.67
Nebraska .....	38,905	1,751	1.42	1,888	244	0.20	1,937	796	0.64	2,791	2.26
Nevada .....	46,587	2,096	2.18	5,179	668	0.70	4,499	1,849	1.93	4,613	4.81
New Hampshire .....	36,470	1,641	1.85	3,356	433	0.49	4,265	1,753	1.98	3,827	4.32
New Jersey .....	162,454	7,310	1.16	23,712	3,059	0.49	14,582	5,993	0.95	16,362	2.59
New Mexico .....	43,377	1,952	1.69	2,506	323	0.28	1,925	791	0.68	3,066	2.65
New York .....	367,567	16,541	1.13	46,719	6,027	0.41	27,166	11,165	0.76	33,733	2.31
North Carolina .....	138,677	6,240	1.16	11,407	1,472	0.27	8,537	3,509	0.65	11,221	2.09
North Dakota .....	16,355	736	1.47	658	85	0.17	1,133	466	0.93	1,287	2.58
Ohio .....	258,980	11,654	1.35	14,476	1,867	0.22	11,130	4,574	0.53	18,096	2.09
Oklahoma .....	61,817	2,782	1.12	2,603	336	0.14	3,356	1,379	0.56	4,497	1.81
Oregon .....	66,615	2,998	1.32	8,200	1,058	0.47	4,010	1,648	0.73	5,704	2.52
Pennsylvania .....	306,239	13,781	1.42	13,531	1,746	0.18	13,006	5,345	0.55	20,872	2.16
Rhode Island .....	24,113	1,085	1.32	2,802	362	0.44	1,579	649	0.79	2,096	2.55
South Carolina .....	89,170	4,013	1.45	5,493	709	0.26	6,197	2,547	0.92	7,268	2.63
South Dakota .....	16,275	732	1.37	739	95	0.18	1,046	430	0.80	1,258	2.35
Tennessee .....	106,589	4,796	1.22	4,418	570	0.15	5,796	2,382	0.61	7,749	1.97
Texas .....	479,825	21,592	1.64	26,380	3,403	0.26	18,425	7,573	0.58	32,568	2.48
Utah .....	21,859	984	0.81	1,170	151	0.12	1,388	571	0.47	1,705	1.40
Vermont .....	14,686	661	1.47	1,687	218	0.48	936	385	0.86	1,263	2.81
Virginia .....	139,422	6,274	1.26	11,716	1,511	0.30	7,613	3,129	0.63	10,914	2.19
Washington .....	109,067	4,908	1.28	13,734	1,772	0.46	7,114	2,924	0.76	9,604	2.50
West Virginia .....	38,857	1,749	1.20	1,185	153	0.10	1,483	609	0.42	2,511	1.72
Wisconsin .....	149,312	6,719	1.74	9,150	1,180	0.31	9,715	3,993	1.03	11,892	3.08
Wyoming .....	11,364	511	1.48	598	77	0.22	781	321	0.93	910	2.63
Northeast Region .....	1,136,810	51,156	1.24	120,968	15,605	0.38	81,158	33,356	0.81	100,117	2.42
Midwest Region .....	1,453,502	65,408	1.38	95,027	12,259	0.26	84,901	34,894	0.74	112,560	2.38
South Region .....	2,068,727	93,093	1.37	135,318	17,456	0.26	123,255	50,658	0.74	161,207	2.37
West Region .....	1,262,004	56,790	1.37	160,054	20,647	0.50	85,170	35,005	0.84	112,442	2.71
United States .....	5,921,042	266,447	1.34	511,368	65,966	0.33	374,484	153,913	0.78	486,326	2.45

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1991

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	72,921	3,281	1.00	4,380	565	0.17	4,685	1,925	0.59	5,772	1.77
Alaska .....	14,408	648	1.55	1,405	181	0.43	1,166	479	1.14	1,309	3.12
Arizona .....	104,212	4,690	1.61	7,961	1,027	0.35	5,654	2,324	0.80	8,040	2.75
Arkansas .....	47,189	2,124	1.12	1,676	216	0.11	2,664	1,095	0.58	3,435	1.82
California .....	643,785	28,970	1.22	90,278	11,646	0.49	43,371	17,825	0.75	58,442	2.46
Colorado .....	82,471	3,711	1.40	7,292	941	0.35	5,641	2,318	0.87	6,970	2.63
Connecticut .....	61,628	2,773	1.03	8,870	1,144	0.43	5,489	2,256	0.84	6,174	2.30
Delaware .....	16,962	763	1.40	1,482	191	0.35	1,266	520	0.96	1,475	2.71
District of Columbia .....	16,005	720	1.44	2,410	311	0.62	2,279	936	1.87	1,968	3.93
Florida .....	347,338	15,630	1.44	29,153	3,761	0.35	24,375	10,018	0.92	29,409	2.71
Georgia .....	135,287	6,088	1.16	9,066	1,170	0.22	10,014	4,116	0.79	11,373	2.18
Hawaii .....	31,563	1,420	1.57	2,797	361	0.40	1,550	637	0.71	2,418	2.68
Idaho .....	23,112	1,040	1.31	1,942	251	0.32	1,090	448	0.57	1,738	2.20
Illinois .....	282,757	12,724	1.39	24,380	3,145	0.34	16,921	6,955	0.76	22,824	2.49
Indiana .....	121,058	5,448	1.22	6,634	856	0.19	6,491	2,668	0.60	8,971	2.01
Iowa .....	65,549	2,950	1.33	2,791	360	0.16	2,842	1,168	0.53	4,478	2.01
Kansas .....	49,972	2,249	1.15	2,063	266	0.14	2,734	1,124	0.57	3,639	1.86
Kentucky .....	73,511	3,308	1.11	2,508	324	0.11	4,105	1,687	0.57	5,319	1.78
Louisiana .....	110,777	4,985	1.52	5,415	698	0.21	5,864	2,410	0.74	8,094	2.47
Maine .....	26,149	1,177	1.18	2,339	302	0.30	1,850	760	0.77	2,239	2.25
Maryland .....	99,280	4,468	1.15	9,055	1,168	0.30	8,387	3,447	0.89	9,083	2.34
Massachusetts .....	129,794	5,841	1.19	16,338	2,108	0.43	10,427	4,286	0.87	12,234	2.49
Michigan .....	214,854	9,668	1.30	12,673	1,635	0.22	13,435	5,522	0.75	16,825	2.27
Minnesota .....	100,396	4,518	1.30	6,374	822	0.24	6,903	2,837	0.82	8,177	2.35
Mississippi .....	59,364	2,671	1.32	1,456	188	0.09	3,147	1,293	0.64	4,153	2.06
Missouri .....	123,144	5,541	1.35	6,863	885	0.22	6,408	2,634	0.64	9,060	2.21
Montana .....	22,660	1,020	1.61	1,352	174	0.28	1,163	478	0.76	1,672	2.65
Nebraska .....	38,936	1,752	1.40	1,725	223	0.18	1,860	764	0.61	2,739	2.20
Nevada .....	46,997	2,115	2.07	5,014	647	0.63	4,107	1,688	1.65	4,450	4.36
New Hampshire .....	36,403	1,638	1.86	3,326	429	0.49	4,221	1,735	1.97	3,802	4.31
New Jersey .....	154,525	6,954	1.10	20,999	2,709	0.43	12,643	5,196	0.82	14,859	2.35
New Mexico .....	43,237	1,946	1.65	2,406	310	0.26	1,861	765	0.65	3,021	2.56
New York .....	354,515	15,953	1.09	41,759	5,387	0.37	24,453	10,050	0.69	31,390	2.15
North Carolina .....	136,059	6,123	1.12	10,145	1,309	0.24	8,083	3,322	0.61	10,754	1.97
North Dakota .....	15,864	714	1.43	604	78	0.16	1,046	430	0.86	1,222	2.45
Ohio .....	258,087	11,614	1.33	12,527	1,616	0.19	10,859	4,463	0.51	17,693	2.03
Oklahoma .....	60,888	2,740	1.10	2,462	318	0.13	3,314	1,362	0.54	4,419	1.77
Oregon .....	66,336	2,985	1.28	7,882	1,017	0.44	3,805	1,564	0.67	5,566	2.39
Pennsylvania .....	294,477	13,251	1.36	12,934	1,668	0.17	12,314	5,061	0.52	19,981	2.06
Rhode Island .....	24,365	1,096	1.33	2,400	310	0.38	1,439	592	0.72	1,998	2.43
South Carolina .....	84,669	3,810	1.35	4,931	636	0.22	5,802	2,385	0.84	6,831	2.42
South Dakota .....	16,512	743	1.37	637	82	0.15	1,000	411	0.76	1,236	2.28
Tennessee .....	105,856	4,764	1.19	4,168	538	0.13	5,294	2,176	0.55	7,477	1.87
Texas .....	476,166	21,427	1.60	25,517	3,292	0.25	18,092	7,436	0.56	32,155	2.40
Utah .....	22,692	1,021	0.81	1,143	147	0.12	1,332	548	0.43	1,716	1.36
Vermont .....	14,189	639	1.40	1,627	210	0.46	905	372	0.82	1,220	2.68
Virginia .....	135,339	6,090	1.20	10,948	1,412	0.28	7,199	2,959	0.58	10,461	2.07
Washington .....	108,347	4,876	1.23	13,294	1,715	0.43	7,052	2,899	0.73	9,489	2.40
West Virginia .....	38,533	1,734	1.18	1,019	131	0.09	1,553	638	0.43	2,504	1.70
Wisconsin .....	143,893	6,475	1.66	8,254	1,065	0.27	7,975	3,278	0.84	10,818	2.77
Wyoming .....	11,363	511	1.46	558	72	0.20	770	316	0.90	900	2.56
Northeast Region .....	1,096,045	49,322	1.19	110,592	14,266	0.34	73,741	30,308	0.73	93,896	2.27
Midwest Region .....	1,431,023	64,396	1.35	85,526	11,033	0.23	78,473	32,252	0.68	107,681	2.26
South Region .....	2,016,144	90,726	1.31	125,790	16,227	0.23	116,123	47,726	0.69	154,680	2.24
West Region .....	1,221,183	54,953	1.30	143,323	18,489	0.44	78,562	32,289	0.77	105,731	2.51
United States .....	5,764,396	259,398	1.29	465,230	60,015	0.30	346,900	142,576	0.71	461,988	2.30

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1992

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	75,192	3,384	1.02	4,773	616	0.19	4,737	1,947	0.59	5,946	1.80
Alaska .....	14,906	671	1.54	1,405	181	0.42	1,147	471	1.08	1,323	3.04
Arizona .....	107,604	4,842	1.62	7,395	954	0.32	6,009	2,470	0.83	8,266	2.76
Arkansas .....	48,080	2,164	1.13	1,851	239	0.13	3,051	1,254	0.66	3,656	1.92
California .....	685,509	30,848	1.28	94,869	12,238	0.51	44,255	18,189	0.76	61,275	2.55
Colorado .....	82,075	3,693	1.35	7,708	994	0.36	5,460	2,244	0.82	6,932	2.53
Connecticut .....	60,121	2,705	1.02	9,366	1,208	0.45	5,433	2,233	0.84	6,147	2.31
Delaware .....	17,340	780	1.41	1,555	201	0.36	1,309	538	0.97	1,519	2.75
District of Columbia .....	17,896	805	1.64	2,737	353	0.72	2,117	870	1.77	2,028	4.13
Florida .....	360,078	16,204	1.47	29,361	3,788	0.34	26,082	10,720	0.97	30,711	2.79
Georgia .....	146,023	6,571	1.23	8,918	1,150	0.22	10,384	4,268	0.80	11,989	2.24
Hawaii .....	31,743	1,428	1.55	2,786	359	0.39	1,550	637	0.69	2,425	2.63
Idaho .....	24,107	1,085	1.33	1,997	258	0.32	1,131	465	0.57	1,807	2.22
Illinois .....	276,758	12,454	1.35	24,882	3,210	0.35	16,720	6,872	0.75	22,536	2.45
Indiana .....	117,289	5,278	1.17	7,078	913	0.20	6,451	2,651	0.59	8,842	1.96
Iowa .....	65,533	2,949	1.32	2,263	292	0.13	2,516	1,034	0.46	4,275	1.92
Kansas .....	48,407	2,178	1.10	2,141	276	0.14	2,648	1,088	0.55	3,543	1.79
Kentucky .....	69,753	3,139	1.04	2,626	339	0.11	4,125	1,695	0.56	5,173	1.72
Louisiana .....	114,436	5,150	1.56	5,767	744	0.22	5,976	2,456	0.74	8,350	2.53
Maine .....	25,735	1,158	1.16	2,215	286	0.29	1,888	776	0.78	2,220	2.23
Maryland .....	96,549	4,345	1.11	8,954	1,155	0.29	8,208	3,373	0.86	8,873	2.26
Massachusetts .....	122,631	5,518	1.13	16,709	2,155	0.44	9,824	4,038	0.83	11,712	2.40
Michigan .....	209,458	9,426	1.26	12,549	1,619	0.22	13,489	5,544	0.74	16,588	2.22
Minnesota .....	98,360	4,426	1.26	6,743	870	0.25	7,318	3,008	0.86	8,304	2.37
Mississippi .....	61,512	2,768	1.36	1,452	187	0.09	3,149	1,294	0.64	4,250	2.09
Missouri .....	123,289	5,548	1.34	6,919	893	0.22	6,944	2,854	0.69	9,295	2.25
Montana .....	22,820	1,027	1.59	1,321	170	0.26	1,184	487	0.75	1,684	2.60
Nebraska .....	38,706	1,742	1.39	1,737	224	0.18	1,886	775	0.62	2,741	2.18
Nevada .....	48,314	2,174	2.05	5,195	670	0.63	4,235	1,741	1.64	4,585	4.32
New Hampshire .....	35,771	1,610	1.81	3,576	461	0.52	4,240	1,743	1.96	3,814	4.28
New Jersey .....	151,772	6,830	1.08	21,627	2,790	0.44	12,897	5,301	0.84	14,920	2.35
New Mexico .....	42,280	1,903	1.57	2,380	307	0.25	1,966	808	0.67	3,018	2.49
New York .....	341,310	15,359	1.05	42,375	5,466	0.37	24,167	9,933	0.68	30,758	2.11
North Carolina .....	141,844	6,383	1.16	9,750	1,258	0.23	8,079	3,320	0.60	10,961	1.98
North Dakota .....	15,472	696	1.39	595	77	0.15	1,042	428	0.86	1,201	2.41
Ohio .....	257,415	11,584	1.32	11,519	1,486	0.17	10,678	4,389	0.50	17,458	1.98
Oklahoma .....	63,943	2,877	1.14	2,542	328	0.13	3,391	1,394	0.55	4,599	1.82
Oregon .....	68,209	3,069	1.30	8,453	1,090	0.46	3,878	1,594	0.67	5,754	2.43
Pennsylvania .....	282,305	12,704	1.30	13,400	1,729	0.18	12,207	5,017	0.51	19,449	1.99
Rhode Island .....	22,784	1,025	1.26	2,518	325	0.40	1,400	575	0.71	1,926	2.36
South Carolina .....	85,768	3,860	1.35	4,476	577	0.20	5,535	2,275	0.79	6,712	2.34
South Dakota .....	16,801	756	1.38	620	80	0.15	992	408	0.74	1,244	2.27
Tennessee .....	109,001	4,905	1.21	4,452	574	0.14	5,517	2,267	0.56	7,747	1.91
Texas .....	502,494	22,612	1.66	25,840	3,333	0.24	18,402	7,563	0.55	33,509	2.46
Utah .....	23,502	1,058	0.81	1,192	154	0.12	1,357	558	0.43	1,769	1.36
Vermont .....	13,650	614	1.34	1,565	202	0.44	864	355	0.78	1,171	2.56
Virginia .....	143,707	6,467	1.26	11,109	1,433	0.28	7,191	2,956	0.57	10,855	2.11
Washington .....	113,618	5,113	1.26	14,628	1,887	0.46	7,165	2,945	0.73	9,945	2.45
West Virginia .....	38,142	1,716	1.16	1,041	134	0.09	1,486	611	0.41	2,461	1.66
Wisconsin .....	140,588	6,326	1.60	7,605	981	0.25	8,723	3,585	0.91	10,893	2.76
Wyoming .....	11,533	519	1.45	564	73	0.20	800	329	0.92	921	2.58
Northeast Region .....	1,056,079	47,524	1.15	113,351	14,622	0.35	72,920	29,970	0.72	92,116	2.22
Midwest Region .....	1,408,076	63,363	1.32	84,651	10,920	0.23	79,407	32,636	0.68	106,920	2.22
South Region .....	2,091,758	94,129	1.34	127,204	16,409	0.23	118,739	48,802	0.70	159,340	2.27
West Region .....	1,276,220	57,430	1.34	149,893	19,336	0.45	80,137	32,936	0.77	109,702	2.55
United States .....	5,832,133	262,446	1.30	475,099	61,288	0.30	351,203	144,344	0.71	468,078	2.31

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1993

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	85,380	3,842	1.15	4,342	560	0.17	4,582	1,883	0.56	6,286	1.88
Alaska .....	13,014	586	1.32	1,098	142	0.32	1,007	414	0.93	1,141	2.56
Arizona .....	112,268	5,052	1.65	6,782	875	0.29	5,932	2,438	0.80	8,365	2.73
Arkansas .....	47,873	2,154	1.11	1,747	225	0.12	2,758	1,134	0.59	3,513	1.82
California .....	633,907	28,526	1.18	90,130	11,627	0.48	40,965	16,837	0.69	56,989	2.35
Colorado .....	88,832	3,997	1.42	8,042	1,037	0.37	6,008	2,469	0.88	7,504	2.67
Connecticut .....	57,094	2,569	0.97	9,110	1,175	0.44	5,185	2,131	0.80	5,876	2.21
Delaware .....	18,326	825	1.47	1,548	200	0.36	1,300	534	0.95	1,559	2.78
District of Columbia .....	16,721	752	1.56	2,805	362	0.75	1,861	765	1.58	1,879	3.89
Florida .....	362,830	16,327	1.46	28,763	3,710	0.33	25,431	10,452	0.94	30,490	2.73
Georgia .....	150,381	6,767	1.24	8,660	1,117	0.21	10,292	4,230	0.78	12,114	2.23
Hawaii .....	30,845	1,388	1.50	2,700	348	0.38	1,468	603	0.65	2,340	2.53
Idaho .....	23,913	1,076	1.27	1,920	248	0.29	1,150	473	0.56	1,796	2.12
Illinois .....	275,588	12,401	1.34	24,378	3,145	0.34	16,423	6,750	0.73	22,296	2.41
Indiana .....	116,929	5,262	1.15	6,882	888	0.19	7,162	2,944	0.64	9,093	1.99
Iowa .....	64,885	2,920	1.29	1,883	243	0.11	2,643	1,086	0.48	4,249	1.88
Kansas .....	48,989	2,205	1.10	2,141	276	0.14	2,542	1,045	0.52	3,525	1.77
Kentucky .....	73,290	3,298	1.08	2,472	319	0.10	4,138	1,701	0.56	5,317	1.74
Louisiana .....	113,850	5,123	1.54	5,556	717	0.22	5,893	2,422	0.73	8,262	2.48
Maine .....	25,478	1,147	1.15	2,215	286	0.29	1,913	786	0.79	2,219	2.22
Maryland .....	96,952	4,363	1.10	8,540	1,102	0.28	7,736	3,179	0.80	8,644	2.19
Massachusetts .....	124,806	5,616	1.15	16,657	2,149	0.44	9,561	3,930	0.80	11,695	2.39
Michigan .....	210,621	9,478	1.27	11,965	1,543	0.21	13,255	5,448	0.73	16,469	2.20
Minnesota .....	99,065	4,458	1.25	6,784	875	0.25	7,317	3,007	0.85	8,340	2.35
Mississippi .....	63,281	2,848	1.38	1,661	214	0.10	3,180	1,307	0.63	4,369	2.12
Missouri .....	124,395	5,598	1.34	6,538	843	0.20	6,839	2,811	0.67	9,252	2.22
Montana .....	22,015	991	1.50	1,276	165	0.25	1,172	482	0.73	1,637	2.48
Nebraska .....	38,924	1,752	1.38	1,755	226	0.18	1,846	759	0.60	2,737	2.15
Nevada .....	48,677	2,190	2.00	5,029	649	0.59	4,211	1,731	1.58	4,570	4.18
New Hampshire .....	36,412	1,639	1.83	3,751	484	0.54	4,384	1,802	2.02	3,924	4.39
New Jersey .....	152,645	6,869	1.08	21,019	2,711	0.43	12,405	5,099	0.80	14,679	2.31
New Mexico .....	42,591	1,917	1.55	2,188	282	0.23	1,933	795	0.64	2,993	2.43
New York .....	328,600	14,787	1.01	40,422	5,214	0.36	22,353	9,187	0.63	29,189	2.00
North Carolina .....	144,898	6,520	1.16	9,549	1,232	0.22	7,788	3,201	0.57	10,953	1.96
North Dakota .....	15,448	695	1.38	608	78	0.16	1,032	424	0.84	1,198	2.38
Ohio .....	254,701	11,462	1.30	10,993	1,418	0.16	10,685	4,392	0.50	17,271	1.95
Oklahoma .....	63,410	2,853	1.12	2,253	291	0.11	2,998	1,232	0.48	4,376	1.71
Oregon .....	67,415	3,034	1.25	8,191	1,057	0.43	3,828	1,573	0.65	5,664	2.33
Pennsylvania .....	285,850	12,863	1.32	13,059	1,685	0.17	11,517	4,734	0.48	19,281	1.97
Rhode Island .....	22,363	1,006	1.24	2,331	301	0.37	1,377	566	0.70	1,873	2.31
South Carolina .....	88,229	3,970	1.37	4,424	571	0.20	5,292	2,175	0.75	6,716	2.32
South Dakota .....	16,809	756	1.36	542	70	0.13	992	408	0.74	1,234	2.23
Tennessee .....	110,246	4,961	1.21	4,394	567	0.14	5,417	2,226	0.54	7,754	1.89
Texas .....	499,200	22,464	1.62	21,527	2,777	0.20	18,110	7,443	0.54	32,684	2.35
Utah .....	24,018	1,081	0.80	1,184	153	0.11	1,326	545	0.40	1,779	1.32
Vermont .....	13,674	615	1.33	1,565	202	0.44	830	341	0.74	1,158	2.51
Virginia .....	143,868	6,474	1.24	10,936	1,411	0.27	6,898	2,835	0.54	10,720	2.06
Washington .....	110,142	4,956	1.19	12,714	1,640	0.39	7,049	2,897	0.70	9,494	2.28
West Virginia .....	39,334	1,770	1.18	968	125	0.08	1,462	601	0.40	2,496	1.67
Wisconsin .....	142,569	6,416	1.60	7,032	907	0.23	8,777	3,607	0.90	10,930	2.73
Wyoming .....	11,401	513	1.41	545	70	0.19	768	316	0.87	899	2.46
Northeast Region .....	1,046,922	47,112	1.14	110,129	14,207	0.34	69,527	28,576	0.69	89,894	2.17
Midwest Region .....	1,408,923	63,402	1.31	81,501	10,514	0.22	79,514	32,680	0.67	106,595	2.20
South Region .....	2,118,069	95,313	1.34	120,145	15,499	0.22	115,137	47,321	0.67	158,133	2.22
West Region .....	1,229,038	55,307	1.27	141,799	18,292	0.42	76,817	31,572	0.72	105,170	2.41
United States .....	5,802,952	261,133	1.28	453,575	58,511	0.29	340,995	140,149	0.68	459,793	2.25

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

**Table 3.** Apparent alcohol consumption for individual years, by geographic area, 1970–94. (Continued)

1994

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama .....	88,358	3,976	1.17	4,378	565	0.17	4,464	1,835	0.54	6,376	1.88
Alaska .....	15,419	694	1.53	1,390	179	0.40	1,206	496	1.10	1,369	3.03
Arizona .....	113,461	5,106	1.61	7,487	966	0.30	5,680	2,334	0.74	8,406	2.65
Arkansas .....	47,057	2,118	1.08	1,983	256	0.13	2,244	922	0.47	3,296	1.68
California .....	590,487	26,572	1.09	89,688	11,570	0.47	40,296	16,562	0.68	54,703	2.24
Colorado .....	89,714	4,037	1.40	7,973	1,029	0.36	6,014	2,472	0.86	7,538	2.61
Connecticut .....	58,687	2,641	1.00	8,951	1,155	0.44	5,057	2,078	0.79	5,874	2.22
Delaware .....	18,259	822	1.45	1,672	216	0.38	1,331	547	0.96	1,584	2.79
District of Columbia .....	16,371	737	1.56	2,794	360	0.76	1,809	744	1.57	1,841	3.89
Florida .....	362,764	16,324	1.44	29,775	3,841	0.34	24,517	10,076	0.89	30,242	2.66
Georgia .....	147,000	6,615	1.19	9,000	1,161	0.21	10,626	4,367	0.78	12,143	2.18
Hawaii .....	30,640	1,379	1.47	2,772	358	0.38	1,432	589	0.63	2,325	2.48
Idaho .....	24,289	1,093	1.25	2,412	311	0.36	1,150	473	0.54	1,877	2.14
Illinois .....	277,377	12,482	1.34	24,613	3,175	0.34	15,975	6,566	0.70	22,223	2.38
Indiana .....	118,516	5,333	1.16	7,134	920	0.20	6,656	2,736	0.59	8,989	1.95
Iowa .....	66,079	2,974	1.31	1,842	238	0.10	2,462	1,012	0.45	4,223	1.86
Kansas .....	50,811	2,286	1.13	2,012	260	0.13	2,392	983	0.49	3,529	1.75
Kentucky .....	74,073	3,333	1.08	2,633	340	0.11	4,114	1,691	0.55	5,364	1.74
Louisiana .....	108,956	4,903	1.46	5,584	720	0.21	5,975	2,456	0.73	8,079	2.41
Maine .....	25,178	1,133	1.13	2,095	270	0.27	1,881	773	0.77	2,176	2.17
Maryland .....	97,113	4,370	1.09	8,547	1,103	0.28	7,589	3,119	0.78	8,592	2.15
Massachusetts .....	125,105	5,630	1.15	16,922	2,183	0.45	9,611	3,950	0.81	11,763	2.40
Michigan .....	207,374	9,332	1.24	12,077	1,558	0.21	12,470	5,125	0.68	16,015	2.13
Minnesota .....	102,637	4,619	1.28	7,082	914	0.25	7,354	3,022	0.84	8,555	2.38
Mississippi .....	59,968	2,699	1.29	1,375	177	0.08	3,235	1,330	0.64	4,206	2.01
Missouri .....	128,393	5,778	1.37	6,395	825	0.20	6,810	2,799	0.67	9,401	2.24
Montana .....	23,711	1,067	1.58	1,286	166	0.25	1,152	474	0.70	1,707	2.53
Nebraska .....	40,050	1,802	1.41	1,789	231	0.18	1,809	744	0.58	2,777	2.17
Nevada .....	51,333	2,310	2.00	5,260	678	0.59	4,387	1,803	1.56	4,792	4.15
New Hampshire .....	35,198	1,584	1.75	3,398	438	0.48	4,191	1,723	1.90	3,745	4.14
New Jersey .....	149,770	6,740	1.06	21,644	2,792	0.44	12,438	5,112	0.80	14,644	2.30
New Mexico .....	41,971	1,889	1.50	1,870	241	0.19	1,885	775	0.61	2,905	2.30
New York .....	324,105	14,585	1.00	39,805	5,135	0.35	21,663	8,904	0.61	28,623	1.96
North Carolina .....	147,309	6,629	1.16	9,515	1,227	0.22	7,692	3,161	0.56	11,018	1.94
North Dakota .....	15,800	711	1.40	597	77	0.15	976	401	0.79	1,189	2.35
Ohio .....	259,045	11,657	1.31	11,292	1,457	0.16	8,127	3,340	0.38	16,454	1.85
Oklahoma .....	66,504	2,993	1.16	2,543	328	0.13	3,183	1,308	0.51	4,629	1.80
Oregon .....	68,276	3,072	1.24	7,128	919	0.37	3,778	1,553	0.63	5,545	2.24
Pennsylvania .....	281,581	12,671	1.29	13,479	1,739	0.18	11,247	4,622	0.47	19,032	1.94
Rhode Island .....	22,541	1,014	1.26	2,462	318	0.39	1,319	542	0.67	1,874	2.33
South Carolina .....	90,604	4,077	1.40	3,871	499	0.17	5,310	2,183	0.75	6,759	2.31
South Dakota .....	17,530	789	1.41	547	71	0.13	1,012	416	0.74	1,275	2.28
Tennessee .....	111,033	4,996	1.20	4,874	629	0.15	5,437	2,235	0.54	7,860	1.88
Texas .....	510,671	22,980	1.62	21,850	2,819	0.20	17,920	7,365	0.52	33,164	2.34
Utah .....	24,558	1,105	0.79	1,011	130	0.09	1,354	556	0.40	1,792	1.28
Vermont .....	13,818	622	1.33	1,513	195	0.42	843	347	0.74	1,163	2.49
Virginia .....	141,893	6,385	1.21	11,062	1,427	0.27	6,650	2,733	0.52	10,545	2.00
Washington .....	111,982	5,039	1.19	12,980	1,674	0.40	6,774	2,784	0.66	9,498	2.24
West Virginia .....	39,026	1,756	1.17	943	122	0.08	1,431	588	0.39	2,466	1.64
Wisconsin .....	143,947	6,478	1.60	7,068	912	0.23	9,056	3,722	0.92	11,112	2.75
Wyoming .....	11,888	535	1.44	527	68	0.18	759	312	0.84	915	2.46
Northeast Region .....	1,035,983	46,619	1.12	110,270	14,225	0.34	68,250	28,051	0.68	88,895	2.14
Midwest Region .....	1,427,558	64,240	1.32	82,448	10,636	0.22	75,099	30,866	0.63	105,741	2.17
South Region .....	2,126,959	95,713	1.33	122,398	15,789	0.22	113,526	46,659	0.65	158,162	2.19
West Region .....	1,197,729	53,898	1.22	141,784	18,290	0.41	75,868	31,182	0.70	103,370	2.33
United States .....	5,788,229	260,470	1.26	456,899	58,940	0.29	332,743	136,757	0.66	456,168	2.21

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.



## CHAPTER 2

### STATE-LEVEL APPARENT CONSUMPTION OF ALCOHOLIC BEVERAGES

This chapter of the manual presents a table with accompanying figures that on a State-by-State basis report apparent consumption of beer, wine, spirits, and all alcoholic beverages for the period 1970 through 1994. The data are based on a drinking age population of 14 years and older.

There are a few items to be noted about the table and figures in this chapter. First of all, the table presents the years in reverse order. Also, the scale used to plot consumption may vary from figure to figure, based on the magnitude of the total per capita consumption score. The reader also should note that Table 4 ranks the States and the District of Columbia in 10 groups (deciles) based on high-to-low distributions of total per capita ethanol consumption. Placement in the first decile indicates that the State ranks among the top 10 percent of States in total per capita ethanol consumption, placement in the second decile indicates the top 20 percent, and so on.

All 25 years of data may be studied or, if desired, only the most recent years. The reader should be cautioned that these data are intended to supersede earlier manuals and publications, and therefore the volume and per capita figures may be different.

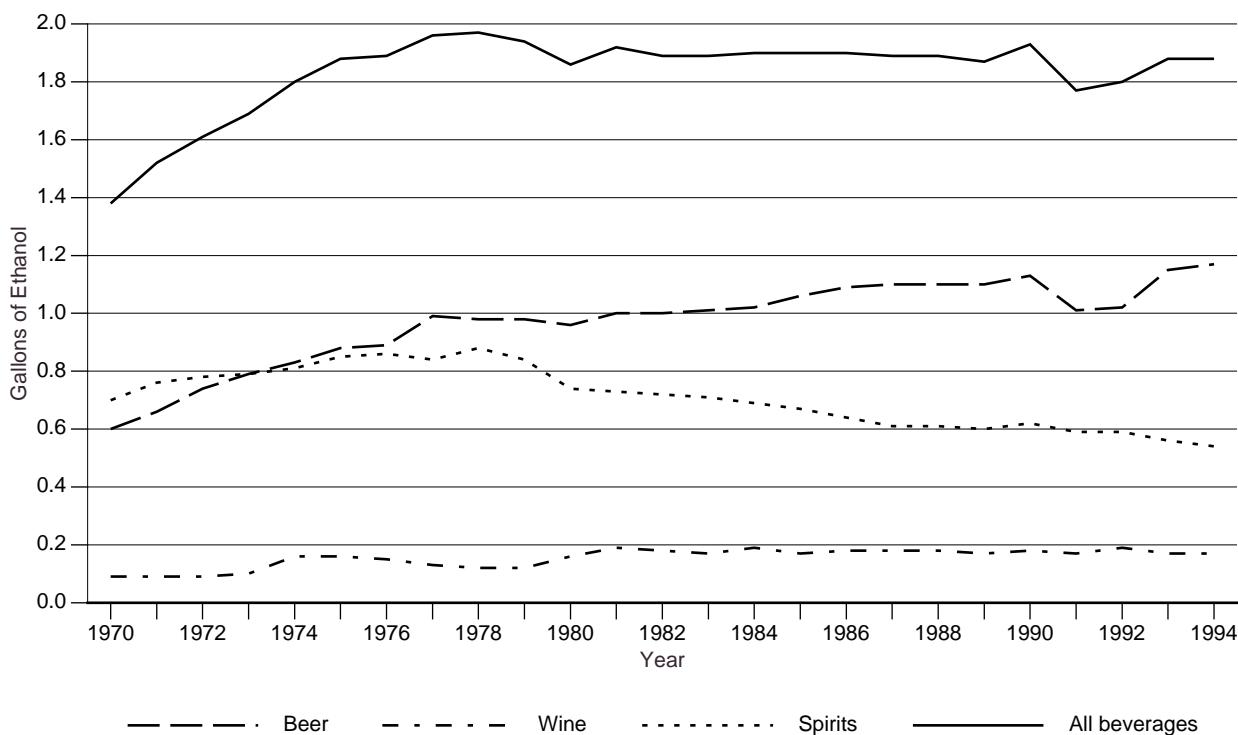
Two other cautions are necessary in using these data. First, military sales may or may not be included in the volume figures reported in each of the State tables. This is due to the following factors: (1) in some States military sales of beverages are a tax-free or reduced tax transaction, (2) State reports that reflect only excise tax collections may not include military sales at all or may not accurately represent the magnitude of such sales, and (3) beverage industry publications do not separately summarize military sales. Second, as noted in Appendix B, some data are representative of shipments rather than sales or tax collections. As shipment data may not accurately reflect whether the beverages actually were consumed during that time period, the time delay factors mentioned in Appendix B should be considered as a limitation of that type of data.

**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94.

**Alabama**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.17	7	0.17	8	0.54	8	1.88	9
1993 .....	1.15	8	0.17	8	0.56	8	1.88	9
1992 .....	1.02	10	0.19	8	0.59	8	1.80	10
1991 .....	1.00	10	0.17	8	0.59	8	1.77	10
1990 .....	1.13	9	0.18	8	0.62	8	1.93	9
1989 .....	1.10	9	0.17	9	0.60	8	1.87	9
1988 .....	1.10	10	0.18	9	0.61	8	1.89	9
1987 .....	1.10	10	0.18	9	0.61	8	1.89	9
1986 .....	1.09	10	0.18	9	0.64	8	1.90	9
1985 .....	1.06	10	0.17	9	0.67	9	1.90	9
1984 .....	1.02	10	0.19	8	0.69	9	1.90	10
1983 .....	1.01	10	0.17	9	0.71	9	1.89	10
1982 .....	1.00	10	0.18	9	0.72	9	1.89	10
1981 .....	1.00	10	0.19	8	0.73	9	1.92	10
1980 .....	0.96	10	0.16	9	0.74	8	1.86	10
1979 .....	0.98	10	0.12	9	0.84	8	1.94	10
1978 .....	0.98	10	0.12	9	0.88	8	1.97	9
1977 .....	0.99	10	0.13	9	0.84	7	1.96	9
1976 .....	0.89	10	0.15	8	0.86	8	1.89	10
1975 .....	0.88	10	0.16	8	0.85	8	1.88	10
1974 .....	0.83	10	0.16	8	0.81	8	1.80	10
1973 .....	0.79	10	0.10	10	0.79	8	1.69	10
1972 .....	0.74	10	0.09	10	0.78	8	1.61	10
1971 .....	0.66	10	0.09	10	0.76	9	1.52	10
1970 .....	0.60	10	0.09	9	0.70	9	1.38	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

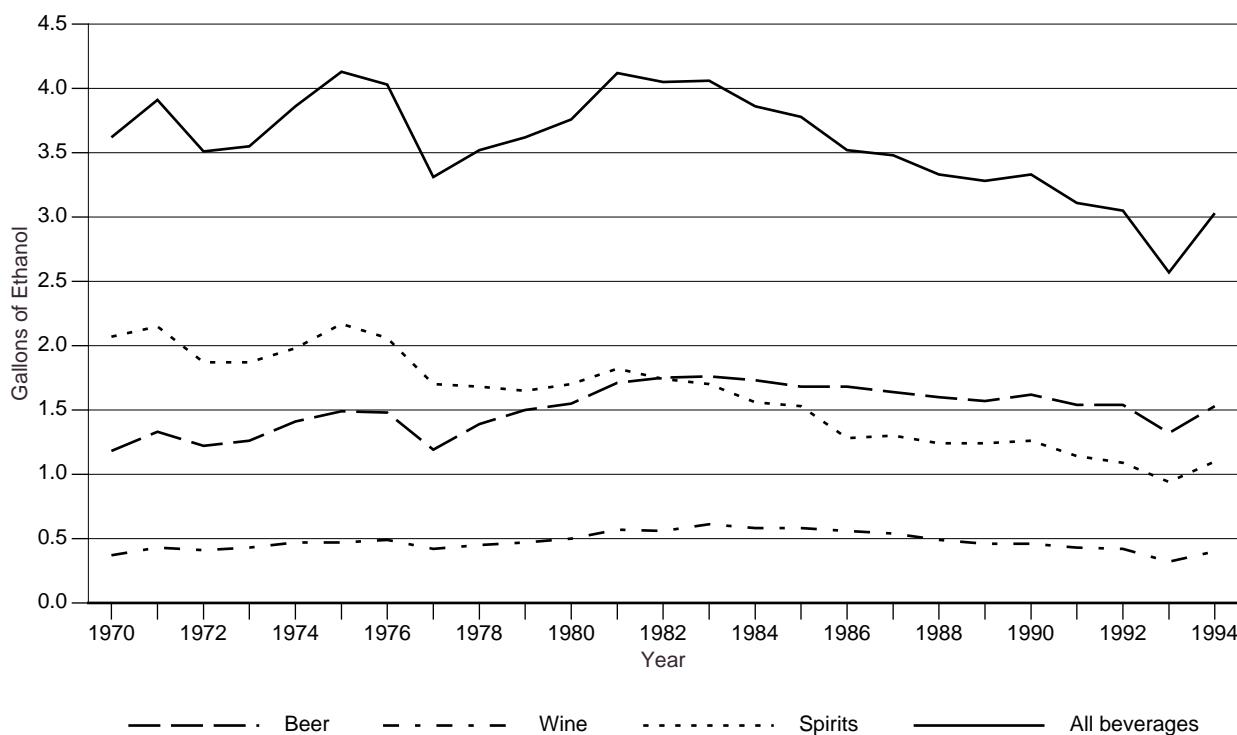


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Alaska**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.53	2	0.40	2	1.10	1	3.03	1
1993 .....	1.32	5	0.32	4	0.93	2	2.56	2
1992 .....	1.54	3	0.42	3	1.08	1	3.04	1
1991 .....	1.55	2	0.43	2	1.14	1	3.12	1
1990 .....	1.62	2	0.46	2	1.25	1	3.33	1
1989 .....	1.57	2	0.46	3	1.24	1	3.27	1
1988 .....	1.60	2	0.49	3	1.23	1	3.32	1
1987 .....	1.64	1	0.54	2	1.29	1	3.46	1
1986 .....	1.68	1	0.56	2	1.27	1	3.51	1
1985 .....	1.68	1	0.58	1	1.53	1	3.78	1
1984 .....	1.73	1	0.58	1	1.56	1	3.86	1
1983 .....	1.76	2	0.61	1	1.70	1	4.06	1
1982 .....	1.75	2	0.56	1	1.74	1	4.05	1
1981 .....	1.71	2	0.57	1	1.82	1	4.10	1
1980 .....	1.55	3	0.50	2	1.70	1	3.76	1
1979 .....	1.50	3	0.47	2	1.65	1	3.62	1
1978 .....	1.39	4	0.45	3	1.68	1	3.52	2
1977 .....	1.19	7	0.42	2	1.70	1	3.31	2
1976 .....	1.48	3	0.49	2	2.06	1	4.03	1
1975 .....	1.49	2	0.47	2	2.17	1	4.13	1
1974 .....	1.41	2	0.47	2	1.98	1	3.86	1
1973 .....	1.26	5	0.43	2	1.87	1	3.55	1
1972 .....	1.22	5	0.41	2	1.87	1	3.50	1
1971 .....	1.33	3	0.43	2	2.15	1	3.91	1
1970 .....	1.18	5	0.37	2	2.07	1	3.62	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

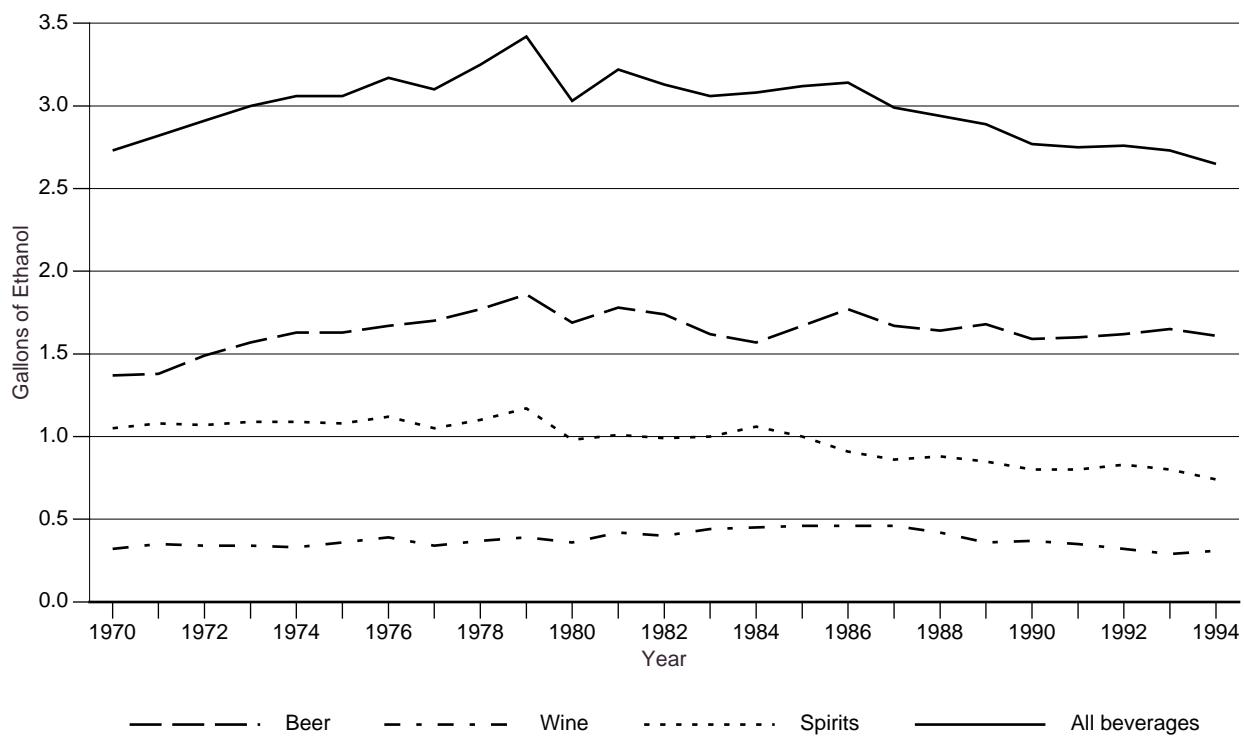


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Arizona**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.61	1	0.30	4	0.74	5	2.65	2
1993 .....	1.65	1	0.29	4	0.80	4	2.73	2
1992 .....	1.62	1	0.32	4	0.83	3	2.76	2
1991 .....	1.61	2	0.35	4	0.80	4	2.75	2
1990 .....	1.59	2	0.37	4	0.80	5	2.77	3
1989 .....	1.68	1	0.36	4	0.85	4	2.89	2
1988 .....	1.64	1	0.42	3	0.88	4	2.94	2
1987 .....	1.67	1	0.46	3	0.86	5	2.99	2
1986 .....	1.77	1	0.46	3	0.91	5	3.14	2
1985 .....	1.67	2	0.46	3	1.00	4	3.12	2
1984 .....	1.57	2	0.45	3	1.06	3	3.08	3
1983 .....	1.62	2	0.44	4	1.00	6	3.06	3
1982 .....	1.74	2	0.40	4	0.99	6	3.13	3
1981 .....	1.78	2	0.42	4	1.01	6	3.22	3
1980 .....	1.69	2	0.36	4	0.98	6	3.03	4
1979 .....	1.86	1	0.39	4	1.17	4	3.42	2
1978 .....	1.77	2	0.37	4	1.10	5	3.25	2
1977 .....	1.70	2	0.34	4	1.05	6	3.10	3
1976 .....	1.67	2	0.39	3	1.12	5	3.17	3
1975 .....	1.63	2	0.36	3	1.08	6	3.06	3
1974 .....	1.63	2	0.33	3	1.09	5	3.06	3
1973 .....	1.57	1	0.34	4	1.09	5	3.00	3
1972 .....	1.49	2	0.34	4	1.07	5	2.91	3
1971 .....	1.38	2	0.35	4	1.08	5	2.82	4
1970 .....	1.37	2	0.32	3	1.05	5	2.73	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

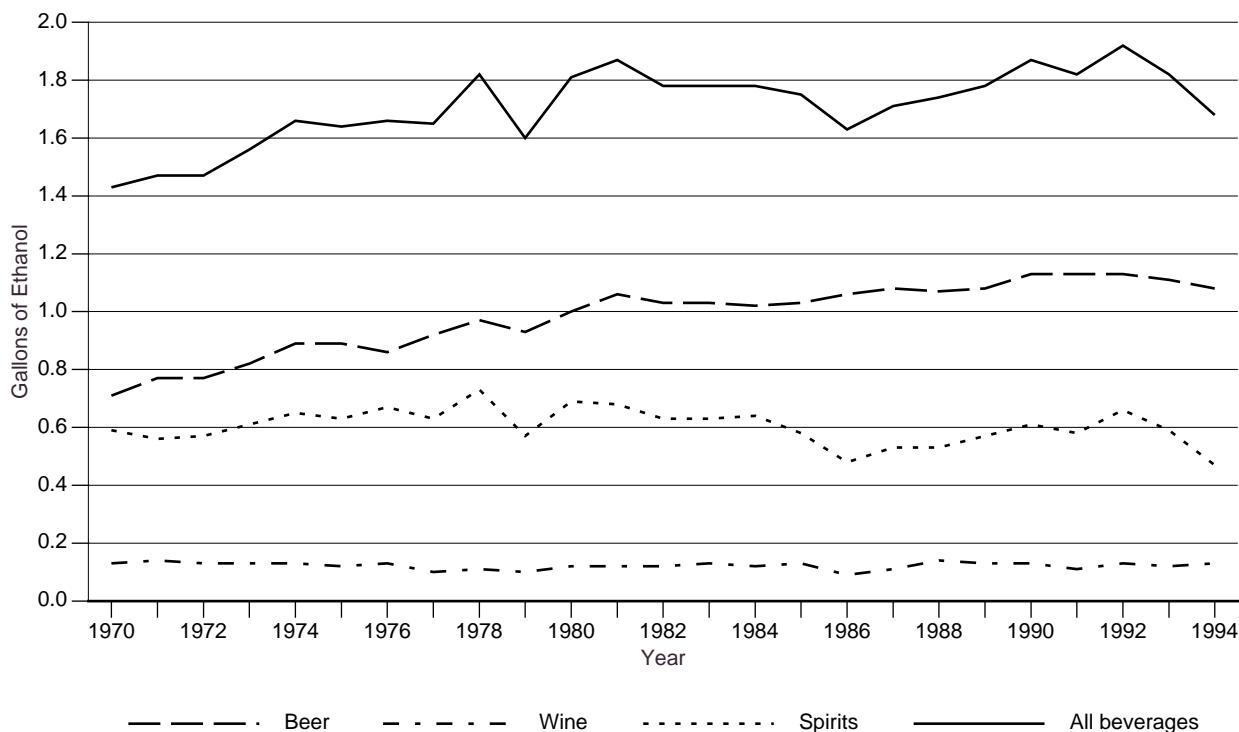


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Arkansas**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.08	9	0.13	9	0.47	10	1.68	10
1993 .....	1.11	9	0.12	9	0.59	8	1.82	9
1992 .....	1.13	9	0.13	10	0.66	7	1.92	9
1991 .....	1.12	9	0.11	10	0.58	8	1.82	9
1990 .....	1.13	10	0.13	10	0.61	8	1.87	9
1989 .....	1.08	10	0.13	10	0.57	9	1.78	9
1988 .....	1.07	10	0.14	10	0.53	9	1.74	10
1987 .....	1.08	10	0.11	10	0.53	10	1.71	10
1986 .....	1.06	10	0.09	10	0.48	10	1.63	10
1985 .....	1.03	10	0.13	10	0.58	10	1.75	10
1984 .....	1.02	10	0.12	10	0.64	9	1.78	10
1983 .....	1.03	10	0.13	10	0.63	10	1.78	10
1982 .....	1.03	10	0.12	10	0.63	10	1.78	10
1981 .....	1.06	10	0.12	10	0.68	10	1.87	10
1980 .....	1.00	10	0.12	9	0.69	10	1.81	10
1979 .....	0.93	10	0.10	10	0.57	10	1.60	10
1978 .....	0.97	10	0.11	9	0.73	10	1.82	10
1977 .....	0.92	10	0.10	9	0.63	10	1.65	10
1976 .....	0.86	10	0.12	9	0.67	10	1.66	10
1975 .....	0.89	10	0.12	9	0.63	10	1.64	10
1974 .....	0.89	10	0.13	9	0.65	10	1.66	10
1973 .....	0.82	10	0.13	9	0.61	10	1.56	10
1972 .....	0.77	10	0.13	9	0.57	10	1.47	10
1971 .....	0.77	10	0.14	8	0.56	10	1.47	10
1970 .....	0.71	10	0.13	7	0.59	10	1.43	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

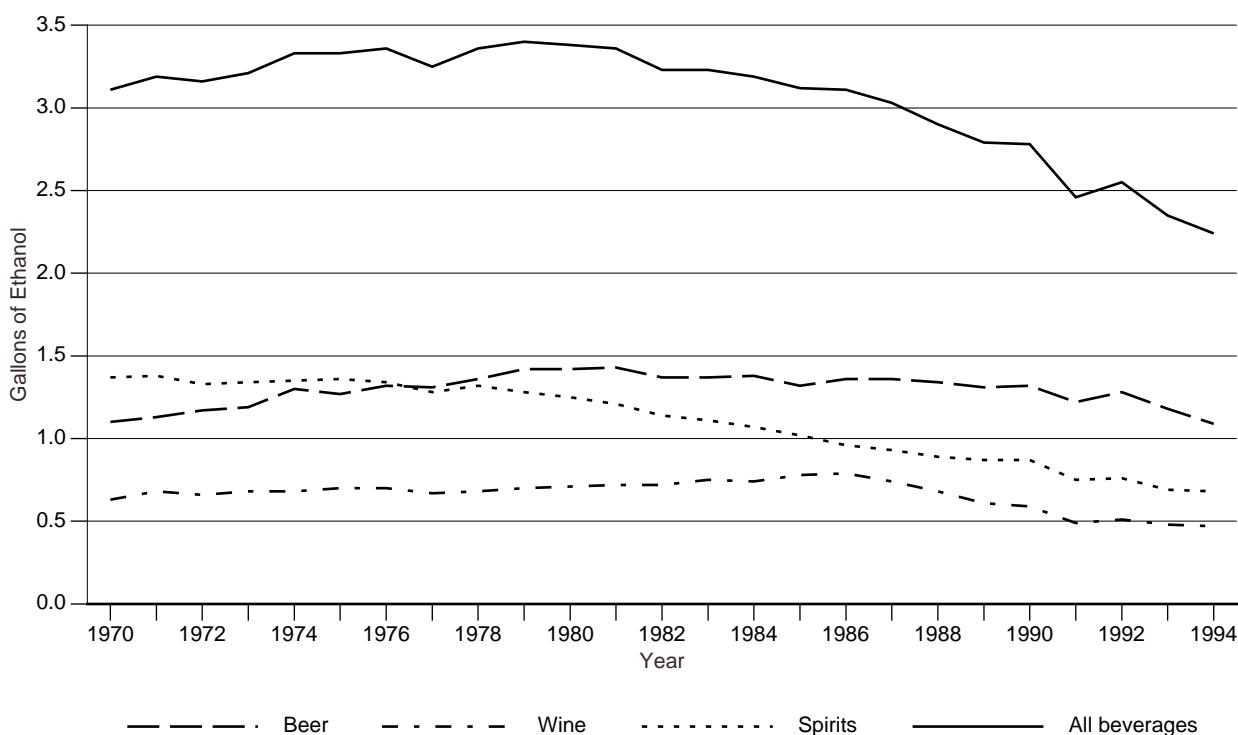


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**California**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.09	9	0.47	1	0.68	6	2.24	6
1993 .....	1.18	8	0.48	1	0.69	6	2.35	4
1992 .....	1.28	6	0.51	1	0.76	5	2.55	3
1991 .....	1.22	7	0.49	1	0.75	5	2.46	4
1990 .....	1.32	6	0.59	1	0.87	4	2.78	2
1989 .....	1.31	5	0.61	1	0.87	4	2.79	2
1988 .....	1.34	5	0.68	1	0.89	4	2.90	2
1987 .....	1.36	5	0.74	1	0.93	4	3.03	2
1986 .....	1.36	5	0.79	1	0.96	3	3.11	2
1985 .....	1.32	6	0.78	1	1.02	4	3.12	2
1984 .....	1.38	5	0.74	1	1.07	3	3.19	1
1983 .....	1.37	6	0.75	1	1.11	3	3.23	2
1982 .....	1.37	6	0.72	1	1.14	3	3.23	3
1981 .....	1.43	5	0.72	1	1.21	3	3.36	2
1980 .....	1.42	5	0.71	1	1.25	3	3.38	2
1979 .....	1.42	5	0.70	1	1.28	3	3.40	2
1978 .....	1.36	6	0.68	1	1.32	3	3.36	2
1977 .....	1.31	6	0.67	1	1.28	2	3.25	2
1976 .....	1.32	5	0.70	1	1.34	2	3.36	2
1975 .....	1.27	6	0.70	1	1.36	3	3.33	2
1974 .....	1.30	5	0.68	1	1.35	3	3.33	2
1973 .....	1.19	6	0.68	1	1.34	3	3.21	2
1972 .....	1.17	6	0.66	1	1.33	3	3.16	2
1971 .....	1.13	7	0.68	1	1.38	3	3.19	2
1970 .....	1.10	7	0.63	1	1.37	3	3.11	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

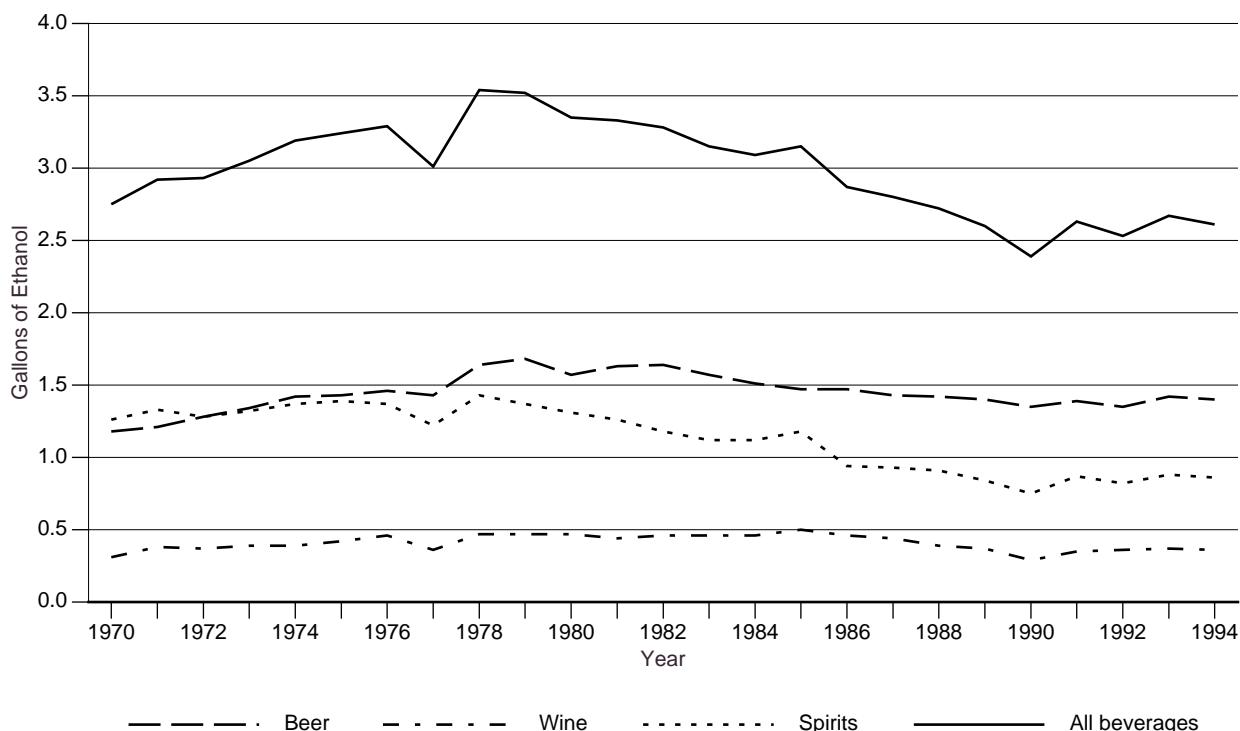


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Colorado**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.40	4	0.36	3	0.86	2	2.61	2
1993 .....	1.42	3	0.37	3	0.88	2	2.67	2
1992 .....	1.35	4	0.36	3	0.82	4	2.53	3
1991 .....	1.40	4	0.35	3	0.87	2	2.63	3
1990 .....	1.35	5	0.29	5	0.75	6	2.39	6
1989 .....	1.40	3	0.37	4	0.84	5	2.60	3
1988 .....	1.42	3	0.39	4	0.91	3	2.72	3
1987 .....	1.43	3	0.44	3	0.93	4	2.80	3
1986 .....	1.47	3	0.46	3	0.94	3	2.87	3
1985 .....	1.47	3	0.50	3	1.18	2	3.15	2
1984 .....	1.51	3	0.46	3	1.12	3	3.09	2
1983 .....	1.57	3	0.46	3	1.12	3	3.15	3
1982 .....	1.64	3	0.46	3	1.18	3	3.28	2
1981 .....	1.63	3	0.44	3	1.26	2	3.33	2
1980 .....	1.57	2	0.47	3	1.31	2	3.35	2
1979 .....	1.68	2	0.47	2	1.37	2	3.52	2
1978 .....	1.64	2	0.47	2	1.43	2	3.54	1
1977 .....	1.43	3	0.36	3	1.22	4	3.01	3
1976 .....	1.46	3	0.46	2	1.37	2	3.29	2
1975 .....	1.43	3	0.42	3	1.39	2	3.24	2
1974 .....	1.42	2	0.39	3	1.37	2	3.19	2
1973 .....	1.34	3	0.39	3	1.32	3	3.05	2
1972 .....	1.28	3	0.37	3	1.28	3	2.93	3
1971 .....	1.21	5	0.38	3	1.33	3	2.92	3
1970 .....	1.18	5	0.31	3	1.26	3	2.75	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

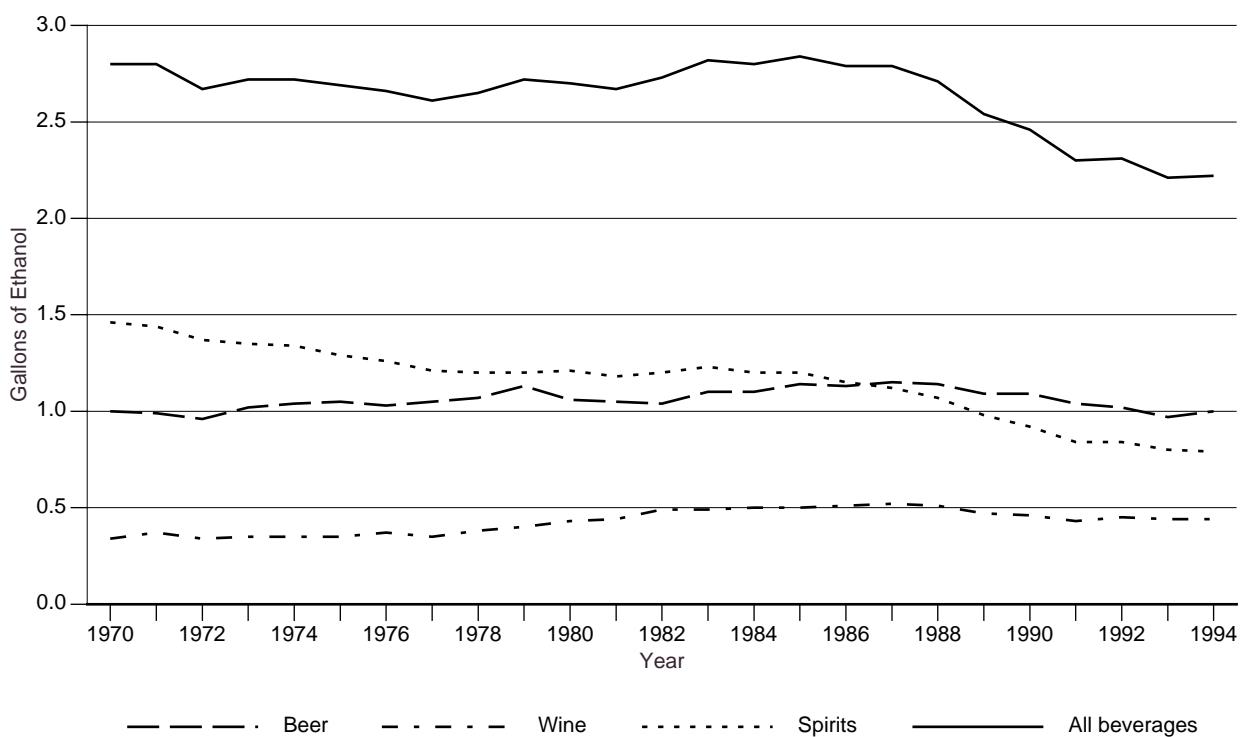


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Connecticut**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.00	10	0.44	2	0.79	3	2.22	6
1993 .....	0.97	10	0.44	1	0.80	3	2.21	6
1992 .....	1.02	10	0.45	2	0.84	3	2.31	6
1991 .....	1.03	10	0.43	3	0.84	3	2.30	6
1990 .....	1.09	10	0.46	2	0.92	3	2.46	6
1989 .....	1.09	10	0.47	2	0.98	2	2.54	4
1988 .....	1.14	9	0.51	2	1.07	2	2.71	3
1987 .....	1.15	9	0.52	2	1.12	2	2.79	3
1986 .....	1.13	9	0.51	3	1.15	2	2.79	3
1985 .....	1.14	9	0.50	3	1.20	2	2.84	4
1984 .....	1.10	9	0.50	3	1.20	2	2.80	4
1983 .....	1.10	9	0.49	3	1.23	2	2.82	4
1982 .....	1.04	10	0.49	3	1.20	2	2.73	6
1981 .....	1.05	10	0.44	3	1.18	3	2.67	6
1980 .....	1.06	10	0.43	3	1.21	3	2.70	6
1979 .....	1.13	9	0.40	4	1.20	3	2.72	5
1978 .....	1.08	9	0.38	3	1.20	4	2.65	6
1977 .....	1.05	9	0.35	3	1.21	4	2.61	6
1976 .....	1.03	9	0.37	4	1.26	4	2.66	6
1975 .....	1.05	9	0.35	4	1.29	4	2.69	6
1974 .....	1.04	8	0.35	3	1.34	3	2.72	5
1973 .....	1.02	8	0.35	3	1.35	3	2.72	5
1972 .....	0.96	9	0.34	3	1.37	2	2.67	5
1971 .....	0.99	8	0.37	4	1.44	2	2.80	4
1970 .....	1.00	8	0.34	3	1.46	2	2.80	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

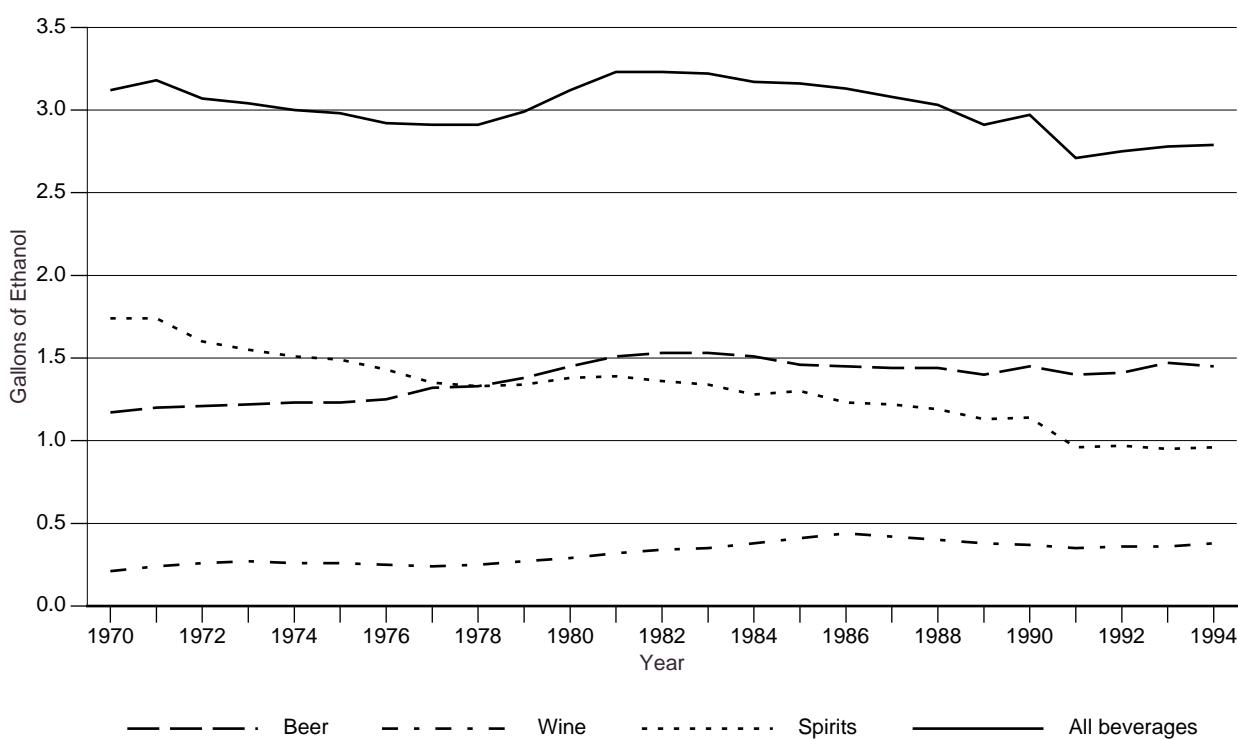


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Delaware**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.45	3	0.38	3	0.96	1	2.79	1
1993 .....	1.47	3	0.36	3	0.95	1	2.78	1
1992 .....	1.41	3	0.36	4	0.97	2	2.75	2
1991 .....	1.40	4	0.35	4	0.96	1	2.71	2
1990 .....	1.45	4	0.37	4	1.14	1	2.97	2
1989 .....	1.40	3	0.38	4	1.13	1	2.91	2
1988 .....	1.44	3	0.40	4	1.19	1	3.03	1
1987 .....	1.44	3	0.42	4	1.22	1	3.08	2
1986 .....	1.45	4	0.44	4	1.23	1	3.13	2
1985 .....	1.46	3	0.41	4	1.30	1	3.16	2
1984 .....	1.51	3	0.38	4	1.28	1	3.17	2
1983 .....	1.53	3	0.35	4	1.34	1	3.22	2
1982 .....	1.53	3	0.34	5	1.36	1	3.23	3
1981 .....	1.51	4	0.32	5	1.39	1	3.23	3
1980 .....	1.45	4	0.29	5	1.38	2	3.12	4
1979 .....	1.38	6	0.27	5	1.34	2	2.99	4
1978 .....	1.33	6	0.25	6	1.33	2	2.91	4
1977 .....	1.32	6	0.24	5	1.35	2	2.91	4
1976 .....	1.25	6	0.25	6	1.43	2	2.92	4
1975 .....	1.23	7	0.26	5	1.49	2	2.98	4
1974 .....	1.23	6	0.26	5	1.51	2	3.00	3
1973 .....	1.22	6	0.27	5	1.55	2	3.04	2
1972 .....	1.21	5	0.26	5	1.60	2	3.07	2
1971 .....	1.20	5	0.24	6	1.74	2	3.18	2
1970 .....	1.17	6	0.21	5	1.74	1	3.12	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

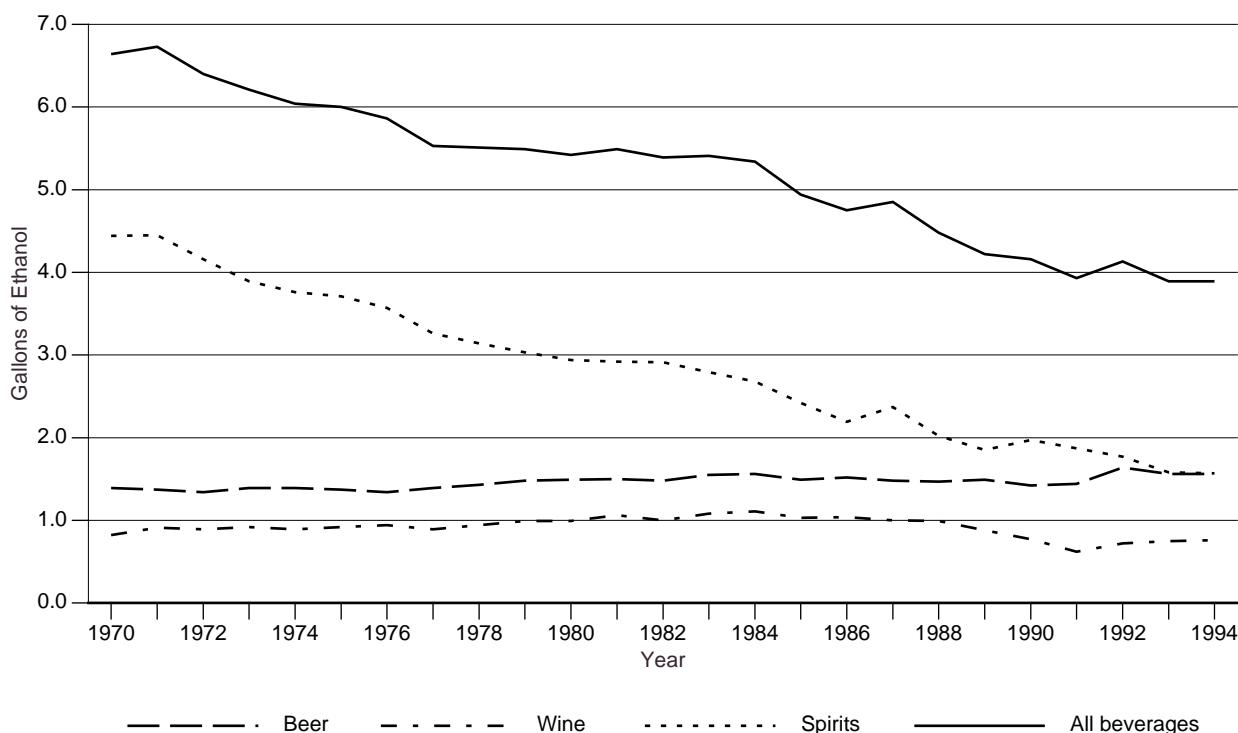


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**District of Columbia**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.56	2	0.76	1	1.57	1	3.89	1
1993 .....	1.56	2	0.75	1	1.58	1	3.89	1
1992 .....	1.64	1	0.72	1	1.77	1	4.13	1
1991 .....	1.44	3	0.62	1	1.87	1	3.93	1
1990 .....	1.42	4	0.77	1	1.97	1	4.16	1
1989 .....	1.49	3	0.88	1	1.85	1	4.22	1
1988 .....	1.47	3	0.99	1	2.02	1	4.48	1
1987 .....	1.48	3	1.00	1	2.37	1	4.85	1
1986 .....	1.52	3	1.04	1	2.19	1	4.75	1
1985 .....	1.49	3	1.03	1	2.42	1	4.94	1
1984 .....	1.56	3	1.11	1	2.68	1	5.34	1
1983 .....	1.55	3	1.08	1	2.79	1	5.41	1
1982 .....	1.48	4	1.00	1	2.91	1	5.39	1
1981 .....	1.50	4	1.06	1	2.92	1	5.49	1
1980 .....	1.49	4	0.99	1	2.94	1	5.42	1
1979 .....	1.48	3	0.99	1	3.03	1	5.49	1
1978 .....	1.43	3	0.94	1	3.14	1	5.51	1
1977 .....	1.39	3	0.89	1	3.26	1	5.53	1
1976 .....	1.34	5	0.94	1	3.57	1	5.86	1
1975 .....	1.37	4	0.92	1	3.71	1	6.00	1
1974 .....	1.39	3	0.89	1	3.76	1	6.04	1
1973 .....	1.39	2	0.92	1	3.89	1	6.21	1
1972 .....	1.34	3	0.89	1	4.16	1	6.40	1
1971 .....	1.37	2	0.91	1	4.45	1	6.74	1
1970 .....	1.39	1	0.82	1	4.44	1	6.64	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

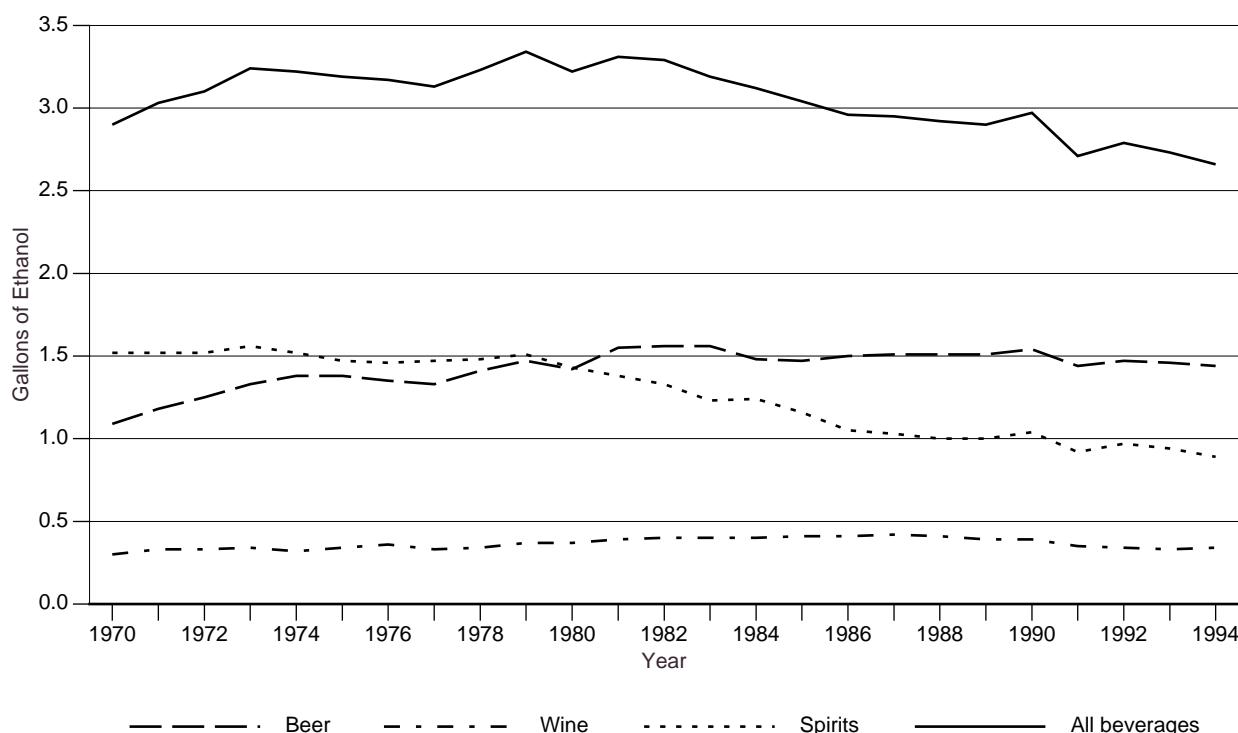


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Florida**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.44	3	0.34	4	0.89	2	2.66	2
1993 .....	1.46	3	0.33	4	0.94	1	2.73	2
1992 .....	1.47	3	0.34	4	0.97	1	2.79	1
1991 .....	1.44	3	0.35	4	0.92	2	2.71	2
1990 .....	1.54	3	0.39	3	1.04	2	2.97	2
1989 .....	1.51	2	0.39	3	1.00	2	2.90	2
1988 .....	1.51	3	0.41	4	1.00	2	2.92	2
1987 .....	1.51	3	0.42	4	1.03	2	2.95	2
1986 .....	1.50	3	0.41	4	1.05	2	2.96	2
1985 .....	1.47	3	0.41	4	1.16	2	3.04	3
1984 .....	1.48	3	0.40	4	1.24	2	3.12	2
1983 .....	1.56	3	0.40	4	1.23	2	3.19	2
1982 .....	1.56	3	0.40	4	1.33	2	3.29	2
1981 .....	1.55	3	0.39	4	1.38	2	3.31	3
1980 .....	1.42	5	0.37	4	1.43	1	3.22	3
1979 .....	1.47	4	0.37	4	1.51	1	3.34	2
1978 .....	1.41	4	0.34	4	1.48	2	3.23	3
1977 .....	1.33	5	0.33	4	1.47	2	3.13	2
1976 .....	1.35	4	0.36	4	1.46	2	3.17	3
1975 .....	1.38	4	0.34	4	1.47	2	3.19	2
1974 .....	1.38	4	0.32	4	1.52	2	3.22	2
1973 .....	1.33	4	0.34	3	1.56	2	3.24	2
1972 .....	1.25	4	0.33	4	1.52	2	3.10	2
1971 .....	1.18	6	0.33	4	1.52	2	3.03	2
1970 .....	1.09	7	0.30	4	1.52	2	2.90	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

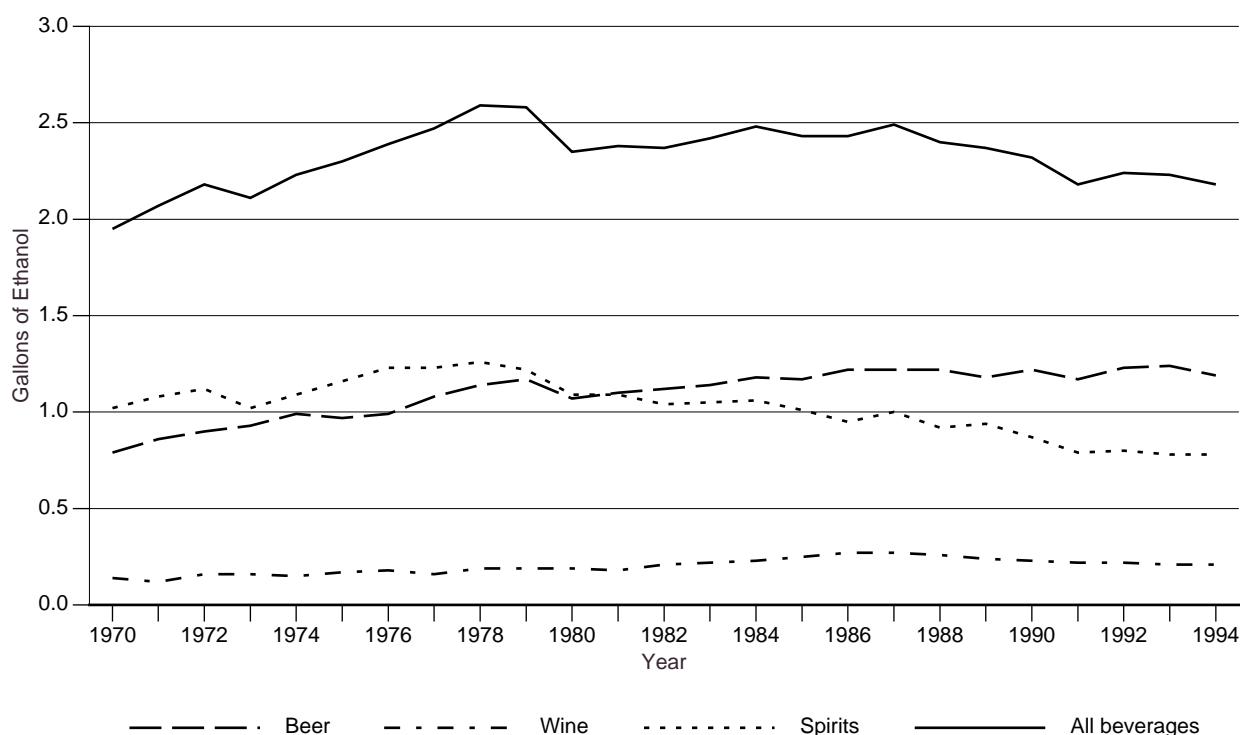


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Georgia**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.19	7	0.21	6	0.78	3	2.18	6
1993 .....	1.24	6	0.21	6	0.78	4	2.23	6
1992 .....	1.23	7	0.22	7	0.80	4	2.24	6
1991 .....	1.16	8	0.22	6	0.79	4	2.18	7
1990 .....	1.22	7	0.23	7	0.87	4	2.32	7
1989 .....	1.18	8	0.24	6	0.94	3	2.37	6
1988 .....	1.22	8	0.26	6	0.92	3	2.40	6
1987 .....	1.22	8	0.27	7	1.00	3	2.49	6
1986 .....	1.22	8	0.27	7	0.95	3	2.43	6
1985 .....	1.17	8	0.25	7	1.01	4	2.43	7
1984 .....	1.18	8	0.24	7	1.06	4	2.48	7
1983 .....	1.14	9	0.22	7	1.05	4	2.42	7
1982 .....	1.12	9	0.21	7	1.04	5	2.37	7
1981 .....	1.10	9	0.18	8	1.09	5	2.38	8
1980 .....	1.07	9	0.19	7	1.09	5	2.35	8
1979 .....	1.17	8	0.19	7	1.22	3	2.58	7
1978 .....	1.14	9	0.19	7	1.26	3	2.59	7
1977 .....	1.08	9	0.16	8	1.23	3	2.47	7
1976 .....	0.99	10	0.18	8	1.23	4	2.39	7
1975 .....	0.97	9	0.17	8	1.16	5	2.30	8
1974 .....	0.99	9	0.15	8	1.09	5	2.23	8
1973 .....	0.93	9	0.16	8	1.02	6	2.11	8
1972 .....	0.90	9	0.16	8	1.12	4	2.18	7
1971 .....	0.86	9	0.12	9	1.08	5	2.07	8
1970 .....	0.79	9	0.14	7	1.02	6	1.95	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

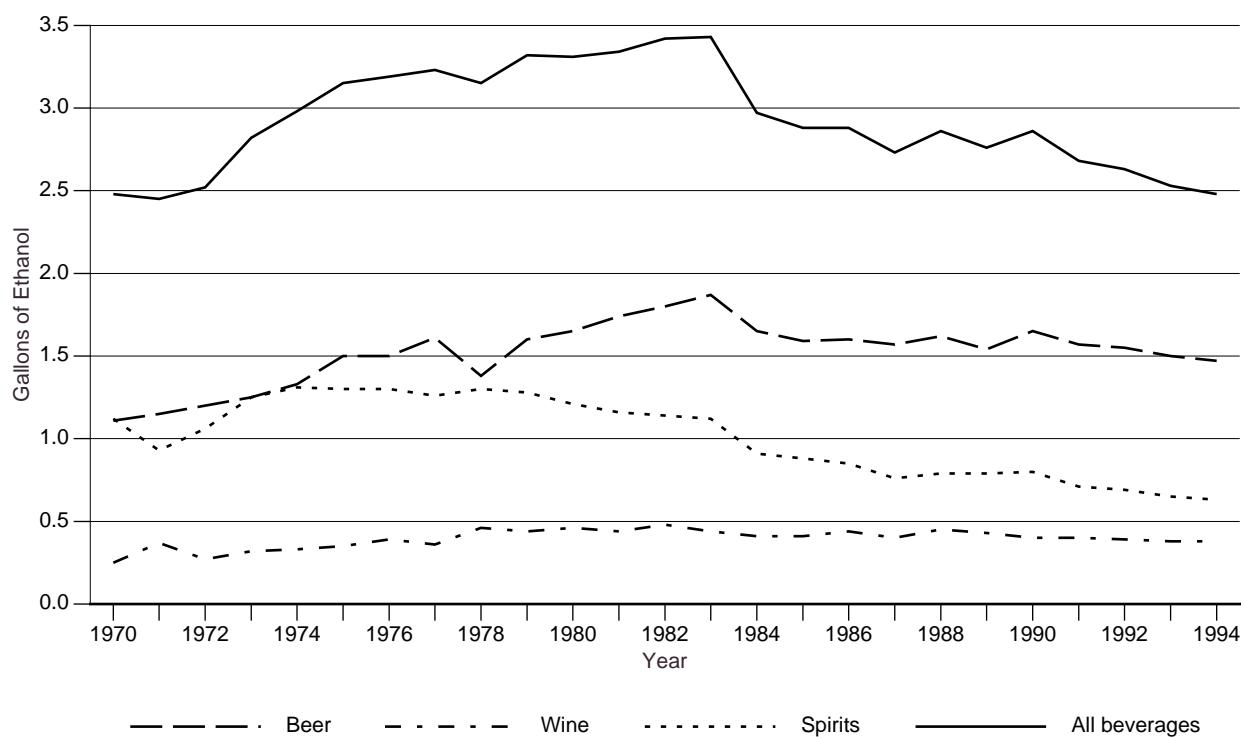


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Hawaii**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.47	2	0.38	3	0.63	6	2.48	3
1993 .....	1.50	2	0.38	3	0.65	6	2.53	2
1992 .....	1.55	2	0.39	3	0.69	6	2.63	2
1991 .....	1.57	2	0.40	3	0.71	6	2.68	2
1990 .....	1.65	1	0.40	3	0.80	5	2.86	2
1989 .....	1.54	2	0.43	3	0.79	6	2.76	3
1988 .....	1.62	2	0.45	3	0.79	6	2.86	3
1987 .....	1.57	2	0.40	4	0.76	6	2.73	4
1986 .....	1.60	2	0.44	4	0.85	6	2.88	3
1985 .....	1.59	2	0.41	4	0.88	6	2.88	3
1984 .....	1.65	2	0.41	4	0.91	6	2.97	3
1983 .....	1.87	1	0.44	3	1.12	3	3.43	1
1982 .....	1.80	2	0.48	3	1.14	3	3.42	1
1981 .....	1.74	2	0.44	3	1.16	4	3.34	2
1980 .....	1.65	2	0.46	3	1.21	3	3.31	2
1979 .....	1.60	2	0.44	3	1.28	3	3.32	3
1978 .....	1.38	5	0.46	2	1.30	3	3.15	3
1977 .....	1.61	2	0.36	3	1.26	3	3.23	2
1976 .....	1.50	2	0.39	3	1.30	3	3.19	2
1975 .....	1.50	2	0.35	3	1.30	3	3.15	3
1974 .....	1.33	5	0.33	4	1.31	3	2.98	4
1973 .....	1.25	5	0.32	4	1.25	4	2.82	4
1972 .....	1.20	6	0.27	5	1.06	5	2.52	6
1971 .....	1.15	7	0.37	4	0.93	7	2.45	6
1970 .....	1.11	7	0.25	5	1.12	4	2.48	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

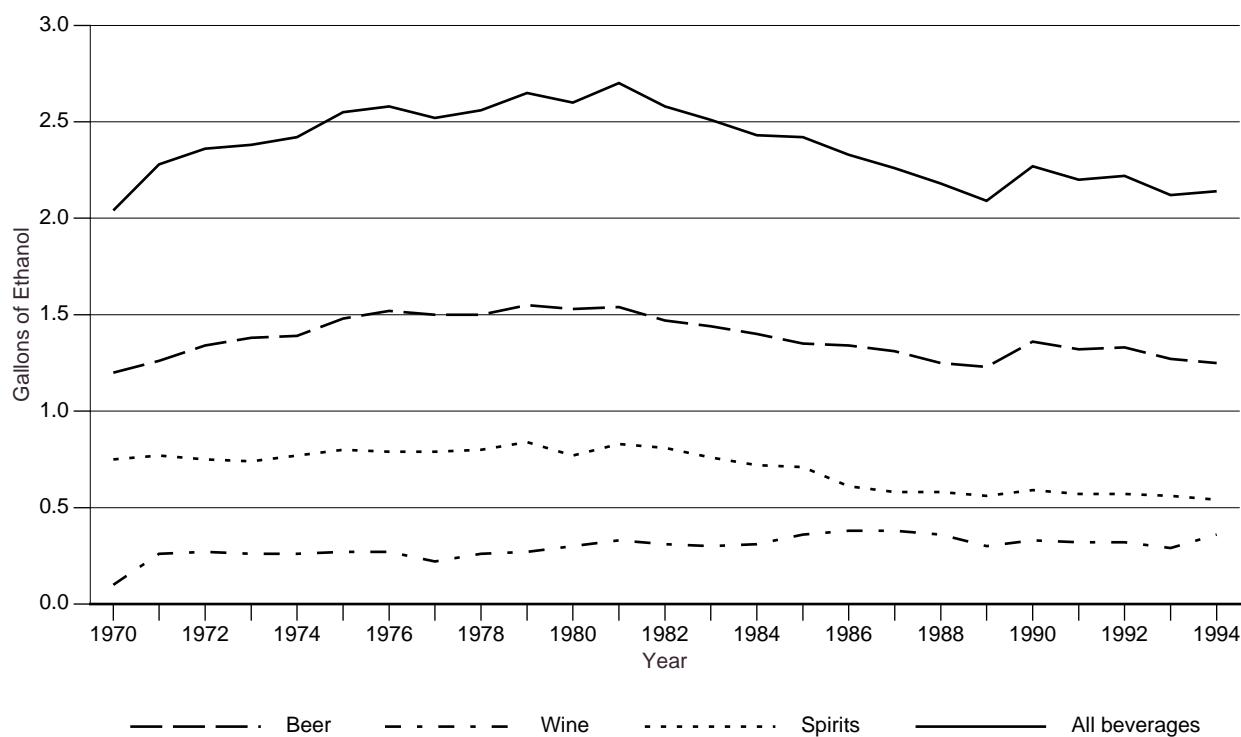


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Idaho**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.25	6	0.36	4	0.54	8	2.14	7
1993 .....	1.27	6	0.29	4	0.56	8	2.12	7
1992 .....	1.33	5	0.32	4	0.57	8	2.22	7
1991 .....	1.31	6	0.32	4	0.57	9	2.20	7
1990 .....	1.36	5	0.33	4	0.59	9	2.27	7
1989 .....	1.23	7	0.30	5	0.56	9	2.09	8
1988 .....	1.25	7	0.36	4	0.58	9	2.18	7
1987 .....	1.31	6	0.38	5	0.58	9	2.26	7
1986 .....	1.34	5	0.38	5	0.61	9	2.33	7
1985 .....	1.35	5	0.36	5	0.71	8	2.42	7
1984 .....	1.40	5	0.31	5	0.72	8	2.43	7
1983 .....	1.44	4	0.30	5	0.76	8	2.51	7
1982 .....	1.47	4	0.31	5	0.81	8	2.58	7
1981 .....	1.54	3	0.33	5	0.83	8	2.70	6
1980 .....	1.53	3	0.30	5	0.77	8	2.60	7
1979 .....	1.55	3	0.27	5	0.84	8	2.66	6
1978 .....	1.50	3	0.26	5	0.80	8	2.56	7
1977 .....	1.50	2	0.22	6	0.79	8	2.52	7
1976 .....	1.52	2	0.27	5	0.79	8	2.58	6
1975 .....	1.48	3	0.26	5	0.80	9	2.55	6
1974 .....	1.39	3	0.26	5	0.77	9	2.42	7
1973 .....	1.38	3	0.26	5	0.74	9	2.38	7
1972 .....	1.34	3	0.27	5	0.75	9	2.36	6
1971 .....	1.26	4	0.26	5	0.77	8	2.28	7
1970 .....	1.20	5	0.10	9	0.75	8	2.04	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

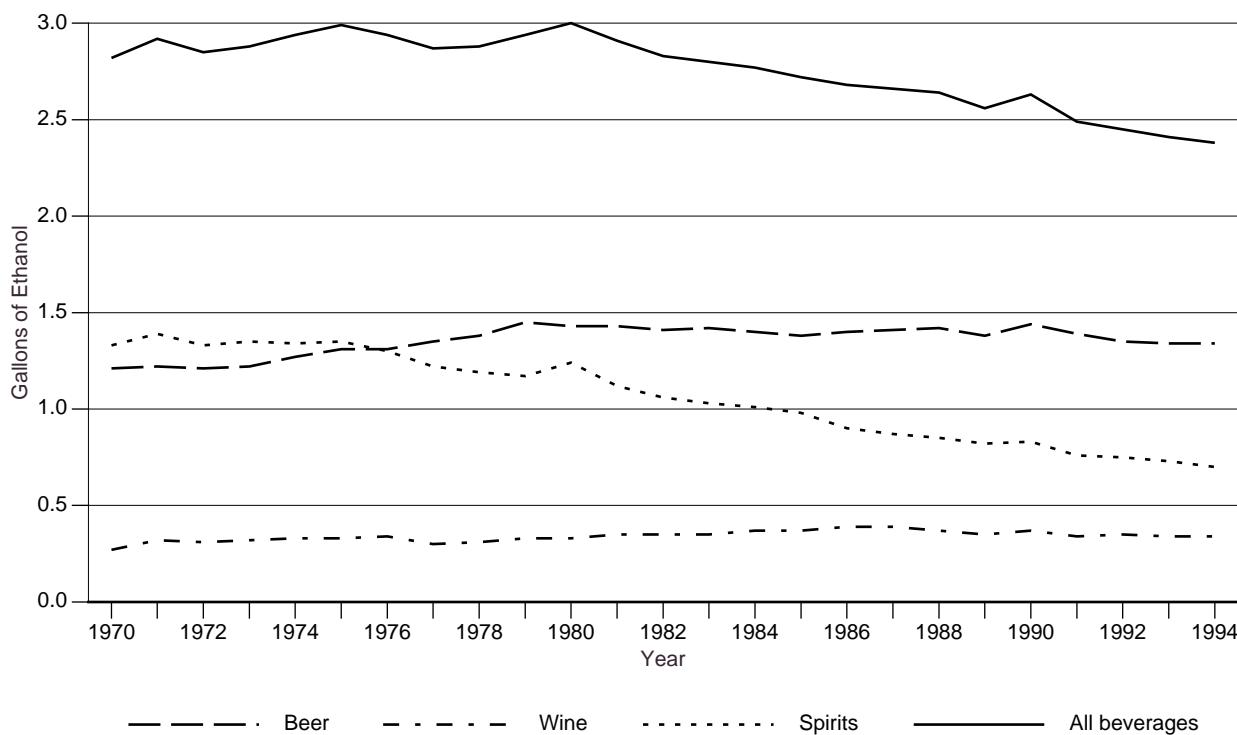


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Illinois**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.34	5	0.34	4	0.70	5	2.38	4
1993 .....	1.34	5	0.34	4	0.73	5	2.41	4
1992 .....	1.35	4	0.35	4	0.75	5	2.45	4
1991 .....	1.39	4	0.34	4	0.76	5	2.49	4
1990 .....	1.44	4	0.37	4	0.83	4	2.63	3
1989 .....	1.38	4	0.35	4	0.82	5	2.56	4
1988 .....	1.42	4	0.37	4	0.85	5	2.64	4
1987 .....	1.41	4	0.39	4	0.87	5	2.66	4
1986 .....	1.40	4	0.39	4	0.90	5	2.68	4
1985 .....	1.38	4	0.37	4	0.98	5	2.72	5
1984 .....	1.40	5	0.37	4	1.01	5	2.77	5
1983 .....	1.42	5	0.35	4	1.03	5	2.80	5
1982 .....	1.41	5	0.35	4	1.06	4	2.83	5
1981 .....	1.43	5	0.35	4	1.12	4	2.91	5
1980 .....	1.43	5	0.33	4	1.24	3	3.00	4
1979 .....	1.45	4	0.33	4	1.17	4	2.94	4
1978 .....	1.38	5	0.31	4	1.19	4	2.88	4
1977 .....	1.35	5	0.30	4	1.22	3	2.87	4
1976 .....	1.31	5	0.34	4	1.30	3	2.94	4
1975 .....	1.31	5	0.33	4	1.35	3	2.99	4
1974 .....	1.27	6	0.33	4	1.34	3	2.94	4
1973 .....	1.22	6	0.32	4	1.35	3	2.88	4
1972 .....	1.21	6	0.31	4	1.33	3	2.85	4
1971 .....	1.22	5	0.32	5	1.39	3	2.92	3
1970 .....	1.21	4	0.27	4	1.34	3	2.82	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

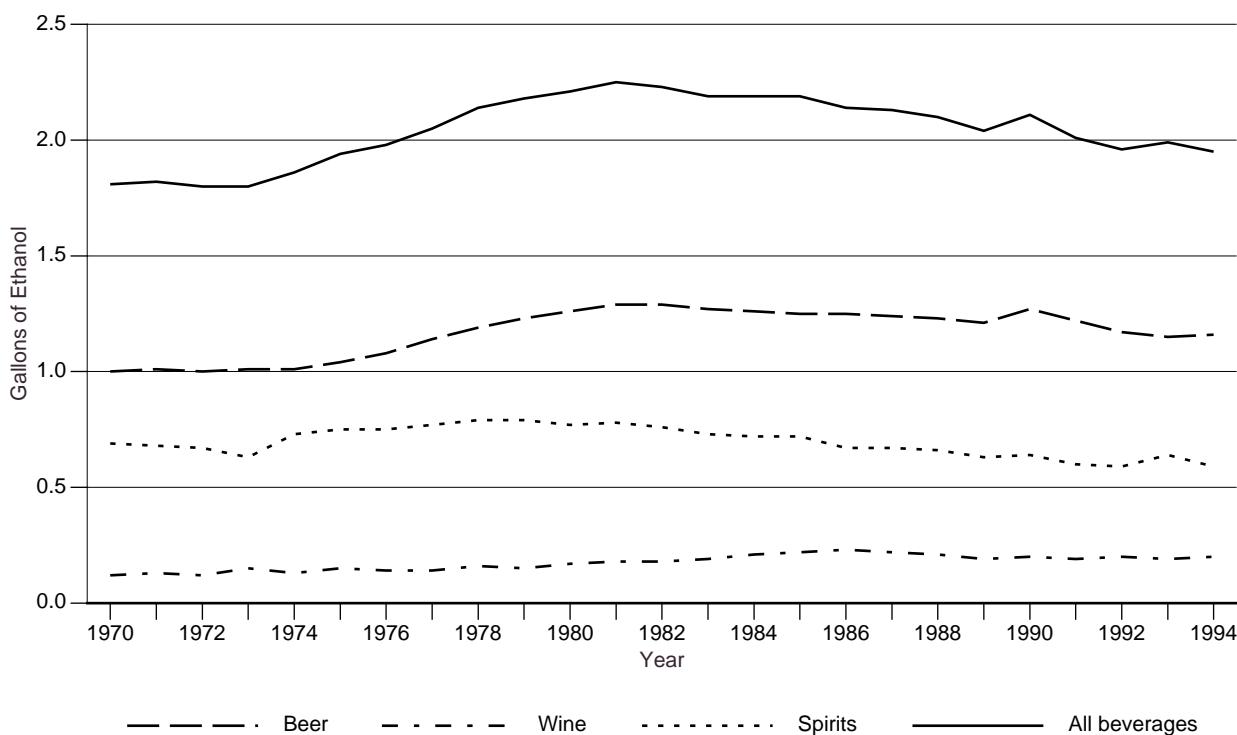


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Indiana**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.16	8	0.20	6	0.59	7	1.95	8
1993 .....	1.15	8	0.19	7	0.64	7	1.99	8
1992 .....	1.17	8	0.20	7	0.59	8	1.96	9
1991 .....	1.22	7	0.19	7	0.60	8	2.01	9
1990 .....	1.27	7	0.20	8	0.64	8	2.11	8
1989 .....	1.21	8	0.19	8	0.63	8	2.04	8
1988 .....	1.23	7	0.21	8	0.66	7	2.10	8
1987 .....	1.24	7	0.22	8	0.67	7	2.13	8
1986 .....	1.25	7	0.23	8	0.67	8	2.14	8
1985 .....	1.25	7	0.22	8	0.72	8	2.19	8
1984 .....	1.26	7	0.21	8	0.72	8	2.19	8
1983 .....	1.27	7	0.19	8	0.73	8	2.19	8
1982 .....	1.29	7	0.18	8	0.76	8	2.23	8
1981 .....	1.29	7	0.18	8	0.78	8	2.25	8
1980 .....	1.26	7	0.17	8	0.77	8	2.21	8
1979 .....	1.23	7	0.15	8	0.79	9	2.18	8
1978 .....	1.19	8	0.16	8	0.79	9	2.14	8
1977 .....	1.14	8	0.14	9	0.77	9	2.05	8
1976 .....	1.08	8	0.14	9	0.75	10	1.98	9
1975 .....	1.04	9	0.15	9	0.75	10	1.94	9
1974 .....	1.01	9	0.13	9	0.73	10	1.86	10
1973 .....	1.01	8	0.15	8	0.63	10	1.80	9
1972 .....	1.00	8	0.12	9	0.67	10	1.80	9
1971 .....	1.01	8	0.13	9	0.68	10	1.82	9
1970 .....	1.00	8	0.12	8	0.69	9	1.81	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

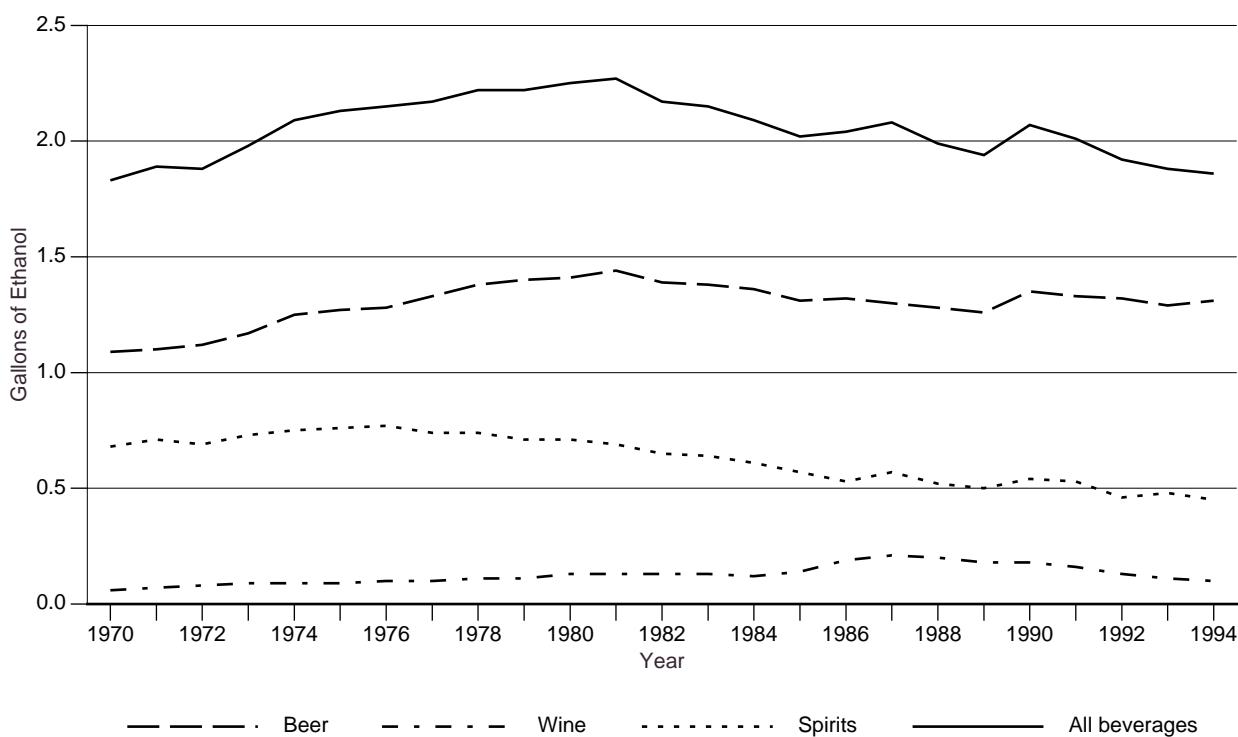


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Iowa**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.31	5	0.10	10	0.45	10	1.86	9
1993 .....	1.29	6	0.11	10	0.48	10	1.88	9
1992 .....	1.32	5	0.13	9	0.46	10	1.92	9
1991 .....	1.33	6	0.16	8	0.53	10	2.01	8
1990 .....	1.35	6	0.18	8	0.54	10	2.07	9
1989 .....	1.26	6	0.18	8	0.50	10	1.94	9
1988 .....	1.28	6	0.20	8	0.52	10	1.99	9
1987 .....	1.30	6	0.21	8	0.57	9	2.08	9
1986 .....	1.32	6	0.19	8	0.53	10	2.04	9
1985 .....	1.31	6	0.14	10	0.57	10	2.02	9
1984 .....	1.36	6	0.12	10	0.61	10	2.09	9
1983 .....	1.38	5	0.13	10	0.64	10	2.15	8
1982 .....	1.39	5	0.13	10	0.65	10	2.17	8
1981 .....	1.44	4	0.13	9	0.69	10	2.27	8
1980 .....	1.41	6	0.13	9	0.71	10	2.25	8
1979 .....	1.40	5	0.11	10	0.71	10	2.22	8
1978 .....	1.38	5	0.11	10	0.74	9	2.22	8
1977 .....	1.33	5	0.10	10	0.74	9	2.17	8
1976 .....	1.28	6	0.10	10	0.77	9	2.15	8
1975 .....	1.27	6	0.09	10	0.76	9	2.13	8
1974 .....	1.25	6	0.09	10	0.75	9	2.09	8
1973 .....	1.17	7	0.09	10	0.73	9	1.98	8
1972 .....	1.12	7	0.08	10	0.69	9	1.88	8
1971 .....	1.10	7	0.07	10	0.71	9	1.89	8
1970 .....	1.09	7	0.06	10	0.68	10	1.83	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

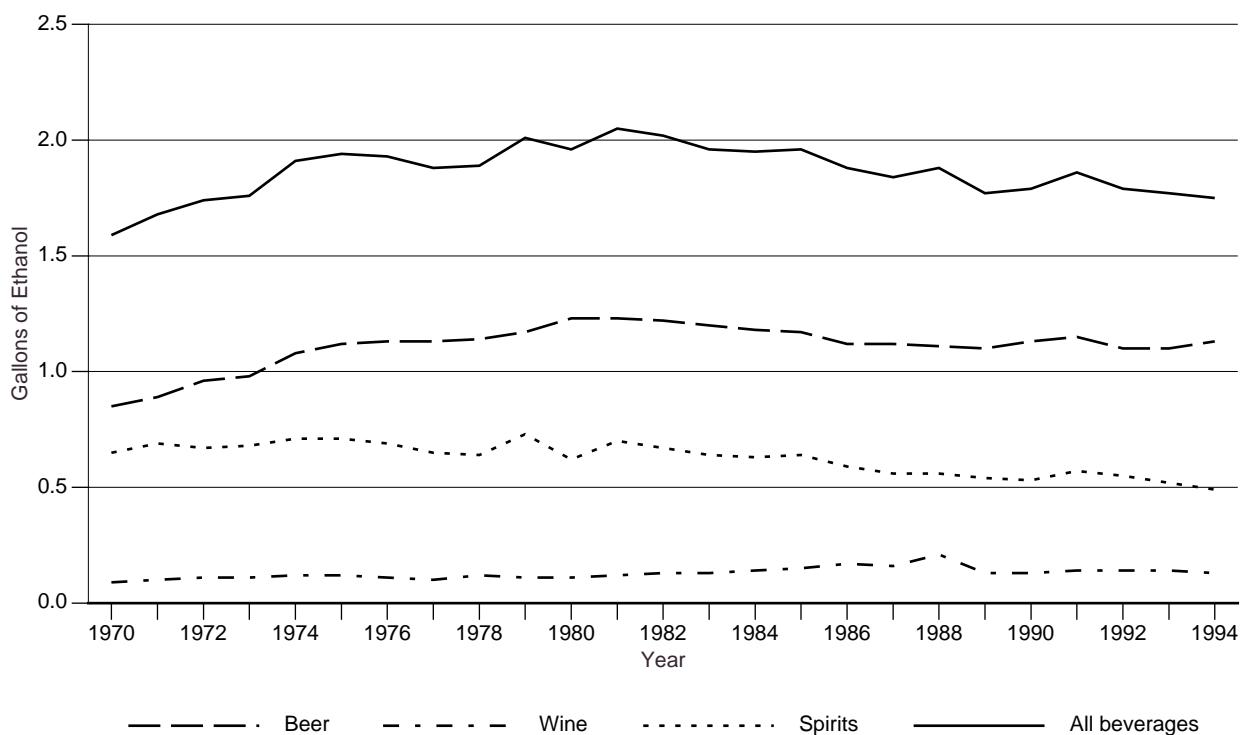


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Kansas**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.13	9	0.13	9	0.49	9	1.75	10
1993 .....	1.10	9	0.14	9	0.52	9	1.77	10
1992 .....	1.10	9	0.14	9	0.55	9	1.79	10
1991 .....	1.15	8	0.14	9	0.57	8	1.86	9
1990 .....	1.13	9	0.13	9	0.53	10	1.79	10
1989 .....	1.10	9	0.13	10	0.54	9	1.77	10
1988 .....	1.11	9	0.21	8	0.56	9	1.88	9
1987 .....	1.12	9	0.16	9	0.56	10	1.84	9
1986 .....	1.12	9	0.17	9	0.59	10	1.88	9
1985 .....	1.17	8	0.15	9	0.64	9	1.96	9
1984 .....	1.18	8	0.14	9	0.63	10	1.95	9
1983 .....	1.20	8	0.13	9	0.64	10	1.96	9
1982 .....	1.22	8	0.13	10	0.67	9	2.02	9
1981 .....	1.23	8	0.12	10	0.70	9	2.05	9
1980 .....	1.23	8	0.11	10	0.62	10	1.96	9
1979 .....	1.17	8	0.11	9	0.73	9	2.01	9
1978 .....	1.14	9	0.12	9	0.64	10	1.89	10
1977 .....	1.13	8	0.10	10	0.65	10	1.88	10
1976 .....	1.13	8	0.11	10	0.69	10	1.93	9
1975 .....	1.12	8	0.12	10	0.71	10	1.94	9
1974 .....	1.08	8	0.12	9	0.71	10	1.91	9
1973 .....	0.98	9	0.11	9	0.68	10	1.76	10
1972 .....	0.96	8	0.11	9	0.67	10	1.74	9
1971 .....	0.89	9	0.10	9	0.69	10	1.68	10
1970 .....	0.85	9	0.09	9	0.65	10	1.59	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

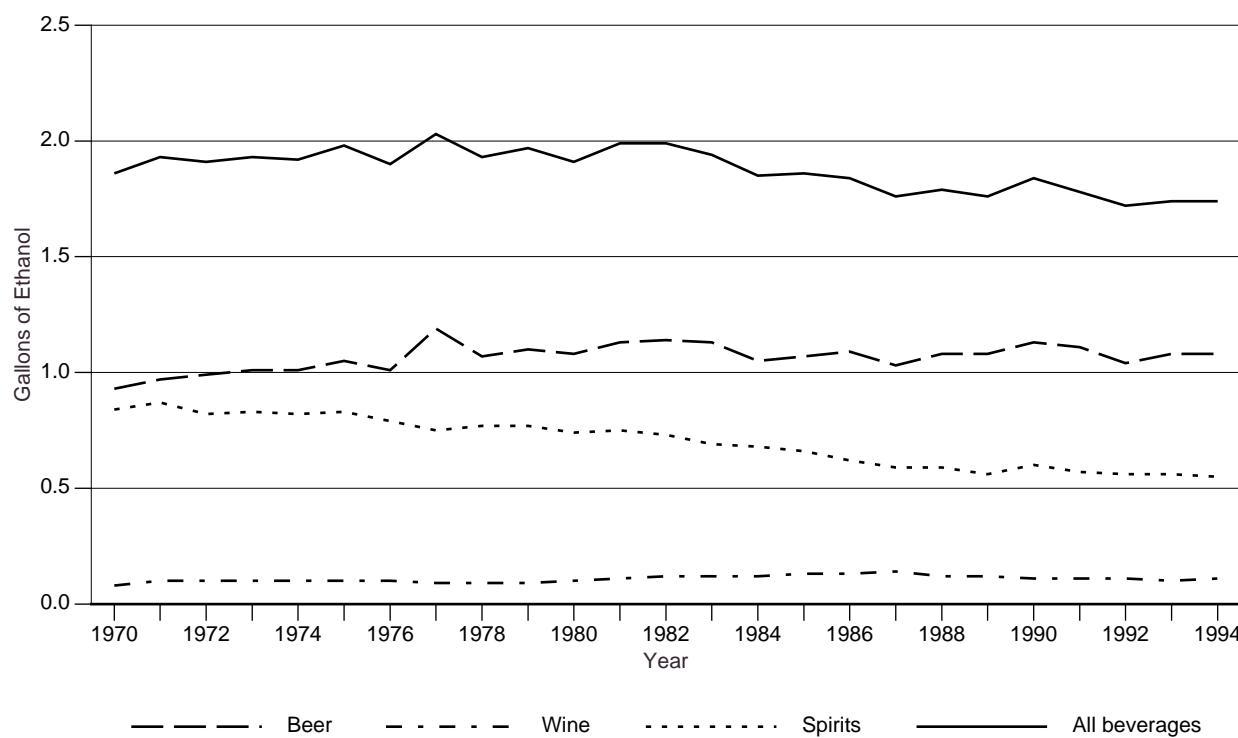


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Kentucky**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.08	10	0.11	10	0.55	8	1.74	10
1993 .....	1.08	10	0.10	10	0.56	8	1.74	10
1992 .....	1.04	10	0.11	10	0.56	9	1.72	10
1991 .....	1.11	9	0.11	10	0.57	9	1.78	10
1990 .....	1.13	10	0.11	10	0.60	9	1.84	10
1989 .....	1.08	10	0.12	10	0.56	9	1.76	10
1988 .....	1.08	10	0.12	10	0.59	8	1.79	10
1987 .....	1.03	10	0.14	10	0.59	9	1.76	10
1986 .....	1.09	10	0.13	10	0.62	9	1.84	10
1985 .....	1.07	10	0.13	10	0.66	9	1.86	10
1984 .....	1.05	10	0.12	10	0.68	9	1.85	10
1983 .....	1.13	9	0.12	10	0.69	9	1.94	9
1982 .....	1.14	9	0.12	10	0.73	8	1.99	9
1981 .....	1.13	9	0.10	10	0.76	9	1.99	9
1980 .....	1.08	9	0.10	10	0.74	9	1.91	10
1979 .....	1.10	9	0.09	10	0.77	9	1.97	10
1978 .....	1.07	9	0.09	10	0.77	9	1.93	10
1977 .....	1.19	7	0.09	10	0.75	9	2.03	9
1976 .....	1.01	9	0.10	10	0.79	9	1.90	10
1975 .....	1.05	8	0.10	10	0.83	8	1.98	9
1974 .....	1.01	9	0.10	10	0.82	8	1.92	9
1973 .....	1.01	8	0.10	10	0.83	8	1.93	9
1972 .....	0.99	8	0.10	10	0.82	8	1.91	8
1971 .....	0.97	8	0.10	10	0.87	8	1.93	8
1970 .....	0.93	8	0.08	10	0.84	8	1.86	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

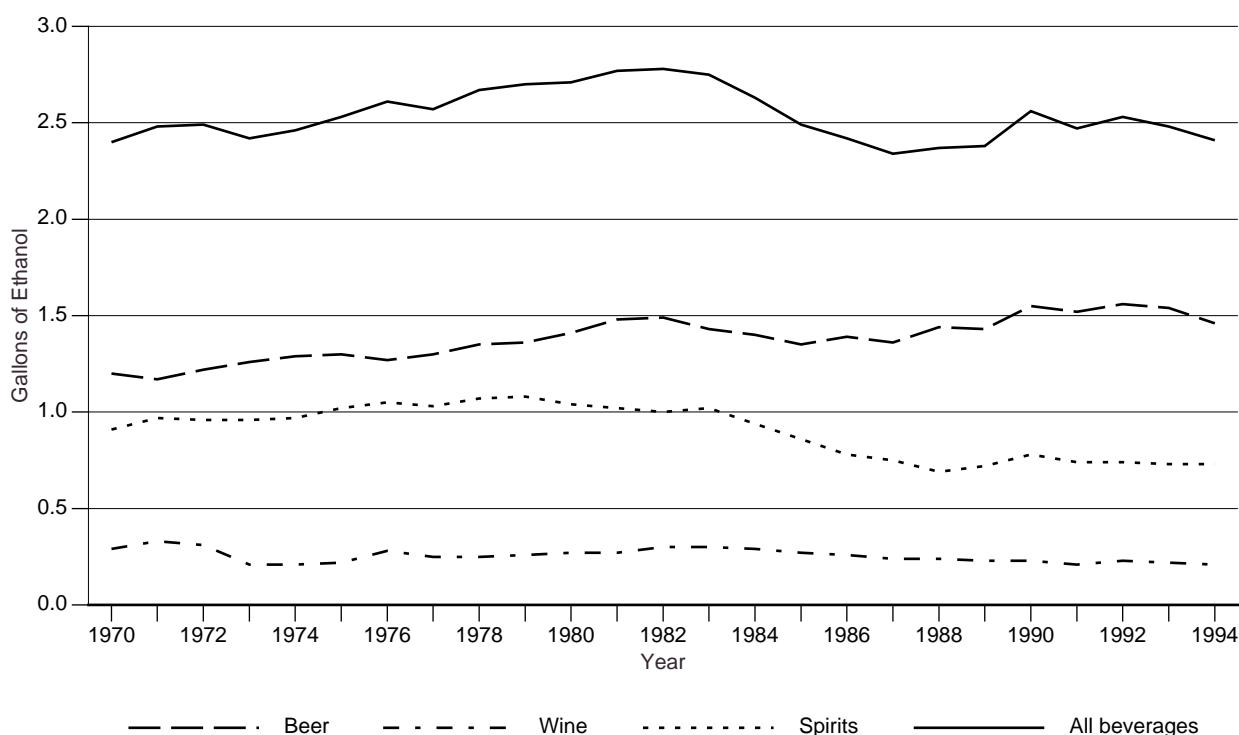


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Louisiana**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.46	3	0.21	6	0.73	5	2.41	3
1993 .....	1.54	2	0.22	6	0.73	5	2.48	3
1992 .....	1.56	2	0.22	6	0.74	6	2.53	3
1991 .....	1.52	2	0.21	7	0.74	6	2.47	4
1990 .....	1.55	2	0.23	7	0.78	6	2.56	4
1989 .....	1.43	3	0.23	7	0.72	6	2.38	6
1988 .....	1.44	3	0.24	7	0.69	6	2.37	7
1987 .....	1.36	5	0.24	7	0.75	6	2.34	7
1986 .....	1.39	4	0.26	7	0.78	6	2.42	7
1985 .....	1.35	5	0.27	6	0.86	6	2.49	6
1984 .....	1.40	4	0.29	6	0.94	6	2.63	6
1983 .....	1.43	5	0.30	5	1.02	5	2.75	5
1982 .....	1.49	4	0.30	6	1.00	6	2.78	5
1981 .....	1.48	4	0.27	6	1.02	6	2.77	6
1980 .....	1.41	6	0.27	6	1.04	6	2.71	6
1979 .....	1.36	6	0.26	6	1.08	6	2.70	6
1978 .....	1.35	6	0.25	5	1.07	6	2.67	6
1977 .....	1.30	6	0.25	5	1.03	6	2.57	6
1976 .....	1.27	6	0.28	5	1.05	6	2.61	6
1975 .....	1.30	6	0.22	6	1.02	6	2.53	6
1974 .....	1.29	6	0.21	6	0.97	7	2.46	6
1973 .....	1.26	5	0.21	6	0.96	7	2.42	6
1972 .....	1.22	5	0.31	4	0.96	7	2.49	6
1971 .....	1.18	6	0.33	4	0.97	6	2.48	6
1970 .....	1.20	4	0.29	4	0.91	7	2.40	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

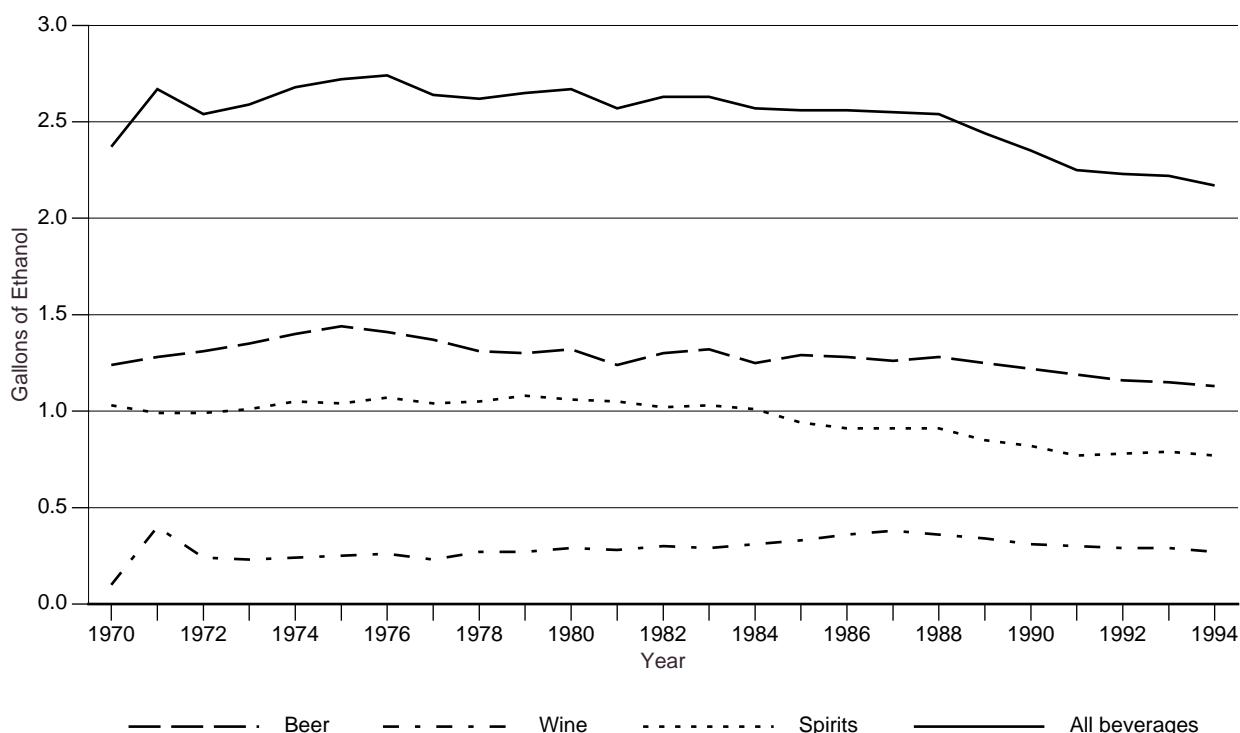


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Maine**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.13	9	0.27	5	0.77	4	2.17	7
1993 .....	1.15	9	0.29	5	0.79	4	2.22	6
1992 .....	1.16	8	0.29	5	0.78	4	2.23	7
1991 .....	1.18	8	0.30	5	0.77	4	2.25	6
1990 .....	1.22	8	0.31	5	0.82	4	2.35	6
1989 .....	1.25	7	0.34	5	0.85	4	2.44	5
1988 .....	1.28	7	0.36	5	0.91	4	2.54	5
1987 .....	1.26	7	0.38	5	0.91	4	2.55	5
1986 .....	1.28	7	0.36	5	0.91	5	2.56	5
1985 .....	1.29	7	0.33	5	0.94	5	2.56	6
1984 .....	1.25	7	0.31	5	1.01	5	2.57	6
1983 .....	1.32	7	0.29	6	1.03	5	2.63	6
1982 .....	1.30	7	0.30	5	1.02	5	2.63	6
1981 .....	1.24	8	0.28	6	1.05	6	2.57	7
1980 .....	1.32	7	0.29	5	1.06	5	2.67	6
1979 .....	1.30	7	0.27	5	1.08	6	2.65	6
1978 .....	1.31	6	0.27	5	1.05	6	2.62	6
1977 .....	1.37	4	0.23	5	1.04	6	2.64	6
1976 .....	1.41	3	0.26	5	1.07	6	2.74	6
1975 .....	1.44	3	0.25	6	1.04	6	2.72	6
1974 .....	1.40	3	0.24	5	1.05	6	2.68	6
1973 .....	1.35	3	0.23	6	1.01	6	2.59	6
1972 .....	1.31	3	0.24	6	0.99	6	2.54	5
1971 .....	1.28	3	0.40	3	0.99	6	2.67	5
1970 .....	1.24	3	0.10	9	1.03	5	2.37	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

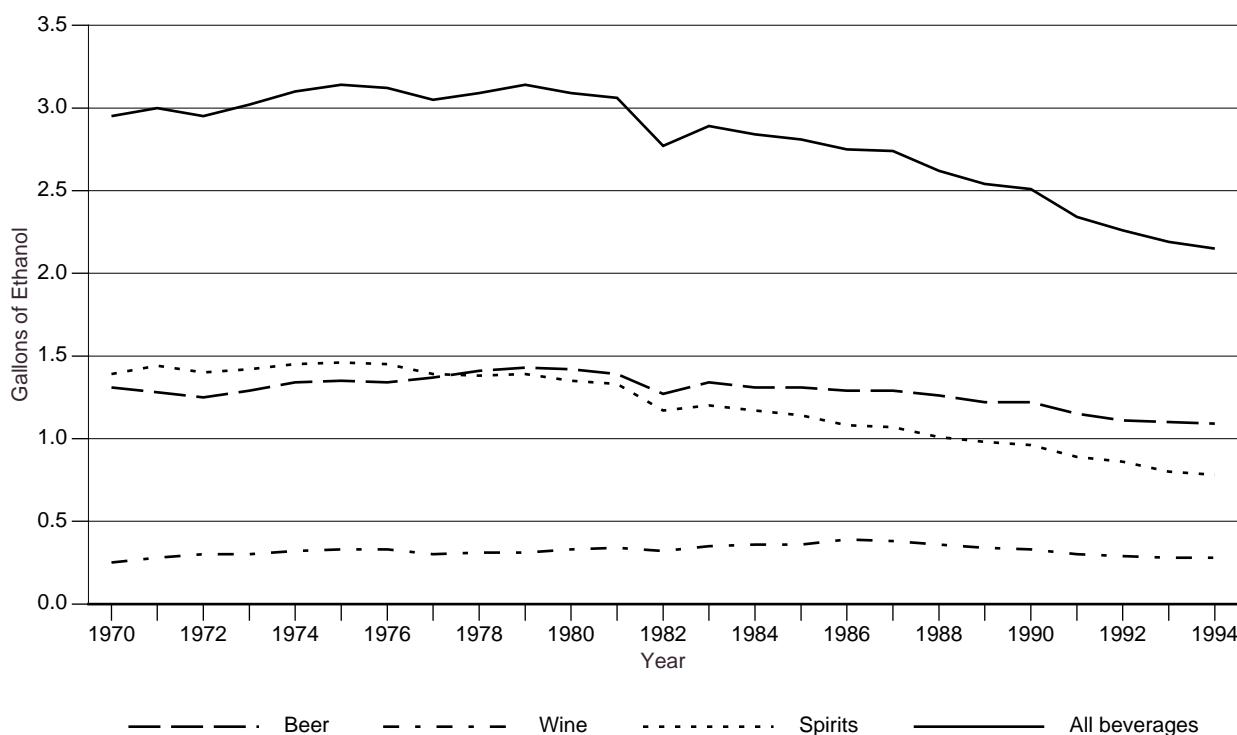


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Maryland**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.09	9	0.28	5	0.78	4	2.15	7
1993 .....	1.10	9	0.28	5	0.80	3	2.19	7
1992 .....	1.11	9	0.29	5	0.86	2	2.26	6
1991 .....	1.15	9	0.30	5	0.89	2	2.34	6
1990 .....	1.22	8	0.33	4	0.96	2	2.51	5
1989 .....	1.22	8	0.34	4	0.98	2	2.54	4
1988 .....	1.26	7	0.36	5	1.01	2	2.62	4
1987 .....	1.29	6	0.38	4	1.07	2	2.74	3
1986 .....	1.29	7	0.39	4	1.08	2	2.75	4
1985 .....	1.31	6	0.36	4	1.14	2	2.81	4
1984 .....	1.31	6	0.36	4	1.17	2	2.84	4
1983 .....	1.34	6	0.35	4	1.20	2	2.89	4
1982 .....	1.27	7	0.32	5	1.17	3	2.77	5
1981 .....	1.39	6	0.34	4	1.33	2	3.06	4
1980 .....	1.42	5	0.33	4	1.35	2	3.09	4
1979 .....	1.43	4	0.31	4	1.39	2	3.14	3
1978 .....	1.41	4	0.31	4	1.38	2	3.09	3
1977 .....	1.37	4	0.30	4	1.39	2	3.05	3
1976 .....	1.34	5	0.33	4	1.45	2	3.12	3
1975 .....	1.35	5	0.33	4	1.46	2	3.14	3
1974 .....	1.34	4	0.32	4	1.45	2	3.10	3
1973 .....	1.29	4	0.30	4	1.42	2	3.02	3
1972 .....	1.25	4	0.30	4	1.40	2	2.95	2
1971 .....	1.28	3	0.28	5	1.44	2	3.00	3
1970 .....	1.31	2	0.25	4	1.39	2	2.95	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

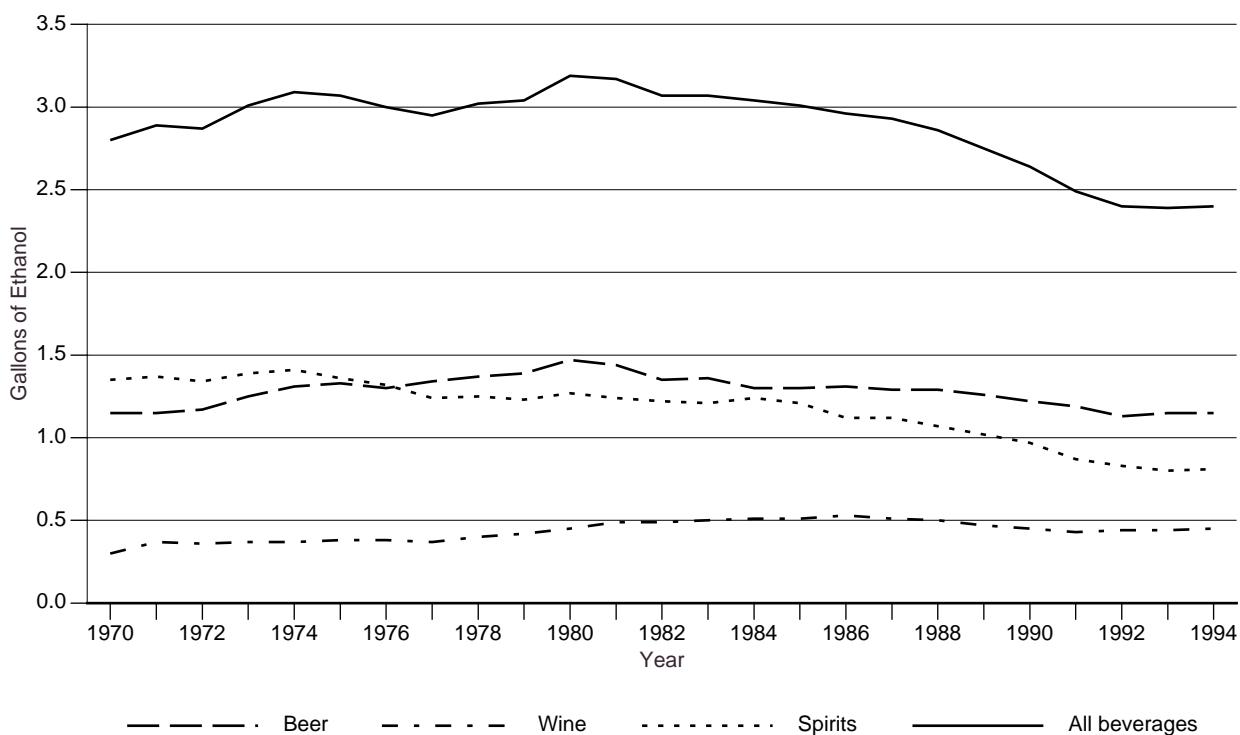


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Massachusetts**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.15	8	0.45	1	0.81	3	2.40	3
1993 .....	1.15	8	0.44	2	0.80	3	2.39	4
1992 .....	1.13	9	0.44	2	0.83	3	2.40	5
1991 .....	1.19	8	0.43	2	0.87	2	2.49	3
1990 .....	1.22	8	0.45	3	0.97	2	2.64	3
1989 .....	1.26	6	0.47	2	1.02	2	2.75	3
1988 .....	1.29	6	0.50	2	1.07	2	2.86	3
1987 .....	1.29	7	0.51	3	1.12	2	2.93	3
1986 .....	1.31	6	0.53	2	1.12	2	2.96	3
1985 .....	1.30	6	0.51	3	1.21	2	3.01	3
1984 .....	1.30	6	0.51	2	1.24	2	3.04	3
1983 .....	1.36	6	0.50	3	1.21	2	3.07	3
1982 .....	1.35	6	0.49	3	1.22	2	3.07	3
1981 .....	1.44	5	0.49	3	1.24	3	3.17	3
1980 .....	1.47	4	0.45	3	1.27	3	3.19	3
1979 .....	1.39	5	0.42	3	1.23	3	3.04	4
1978 .....	1.37	5	0.40	3	1.25	3	3.02	4
1977 .....	1.34	5	0.37	3	1.24	3	2.95	3
1976 .....	1.30	6	0.38	3	1.32	3	3.00	4
1975 .....	1.33	5	0.38	3	1.36	2	3.07	3
1974 .....	1.31	5	0.37	3	1.41	2	3.09	3
1973 .....	1.25	5	0.37	3	1.39	2	3.01	3
1972 .....	1.17	6	0.36	3	1.34	2	2.87	3
1971 .....	1.15	6	0.37	3	1.37	3	2.89	4
1970 .....	1.15	6	0.30	4	1.35	3	2.80	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

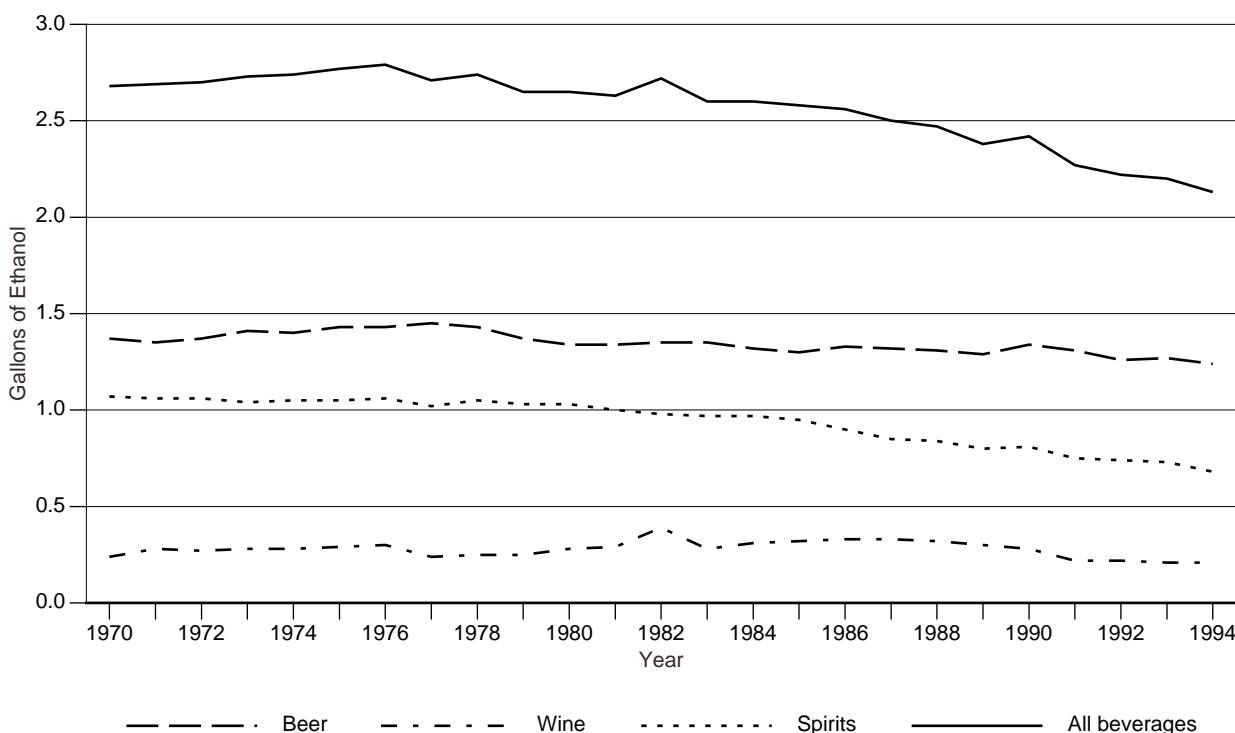


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Michigan**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.24	6	0.21	6	0.68	5	2.13	7
1993 .....	1.27	6	0.21	6	0.73	5	2.20	7
1992 .....	1.26	6	0.22	6	0.74	5	2.22	7
1991 .....	1.30	6	0.22	7	0.75	5	2.27	6
1990 .....	1.34	6	0.28	6	0.81	5	2.42	6
1989 .....	1.29	6	0.30	5	0.80	5	2.38	6
1988 .....	1.31	6	0.32	5	0.84	5	2.47	6
1987 .....	1.32	6	0.33	5	0.85	5	2.50	6
1986 .....	1.33	5	0.33	6	0.90	5	2.56	5
1985 .....	1.30	6	0.32	5	0.95	5	2.58	6
1984 .....	1.32	6	0.31	5	0.97	5	2.60	6
1983 .....	1.35	6	0.28	6	0.97	6	2.60	6
1982 .....	1.35	6	0.39	4	0.98	6	2.72	6
1981 .....	1.34	7	0.29	5	1.00	6	2.63	6
1980 .....	1.34	7	0.28	6	1.03	6	2.65	6
1979 .....	1.37	6	0.25	6	1.03	6	2.65	6
1978 .....	1.43	3	0.25	5	1.05	6	2.74	5
1977 .....	1.45	3	0.24	5	1.02	6	2.71	5
1976 .....	1.43	3	0.30	5	1.06	6	2.79	5
1975 .....	1.43	3	0.29	5	1.05	6	2.77	5
1974 .....	1.40	3	0.28	5	1.05	6	2.74	5
1973 .....	1.41	2	0.28	5	1.04	5	2.73	5
1972 .....	1.37	2	0.27	5	1.06	5	2.70	5
1971 .....	1.35	2	0.28	5	1.06	5	2.69	5
1970 .....	1.37	2	0.24	5	1.07	5	2.68	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

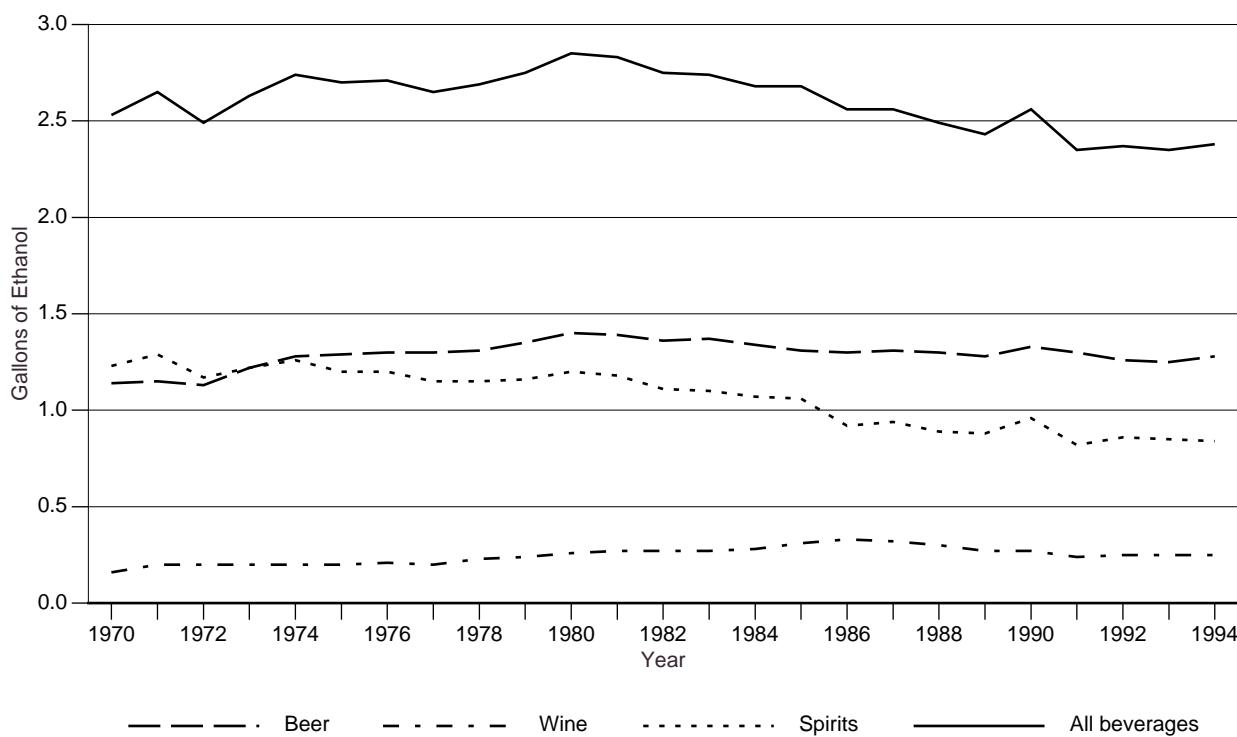


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Minnesota**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.28	6	0.25	5	0.84	2	2.38	4
1993 .....	1.25	6	0.25	5	0.85	2	2.35	5
1992 .....	1.26	6	0.25	6	0.86	3	2.37	5
1991 .....	1.30	6	0.24	6	0.82	4	2.35	6
1990 .....	1.33	6	0.27	6	0.96	2	2.56	5
1989 .....	1.28	6	0.27	6	0.88	3	2.43	5
1988 .....	1.30	6	0.30	6	0.89	4	2.49	5
1987 .....	1.31	6	0.32	6	0.94	3	2.56	5
1986 .....	1.30	6	0.34	6	0.92	4	2.56	6
1985 .....	1.31	6	0.31	6	1.06	3	2.68	5
1984 .....	1.34	6	0.28	6	1.07	3	2.68	5
1983 .....	1.37	5	0.27	6	1.10	3	2.74	6
1982 .....	1.36	6	0.27	6	1.11	4	2.75	6
1981 .....	1.39	6	0.27	6	1.18	3	2.83	5
1980 .....	1.40	6	0.26	6	1.20	4	2.85	5
1979 .....	1.35	7	0.24	6	1.16	5	2.75	5
1978 .....	1.31	7	0.23	6	1.15	5	2.69	6
1977 .....	1.30	6	0.20	6	1.15	4	2.65	5
1976 .....	1.30	6	0.21	6	1.20	5	2.71	6
1975 .....	1.29	6	0.20	7	1.20	5	2.70	6
1974 .....	1.28	6	0.20	7	1.26	4	2.74	5
1973 .....	1.22	6	0.20	7	1.22	4	2.63	6
1972 .....	1.13	7	0.20	7	1.17	4	2.49	6
1971 .....	1.15	6	0.20	6	1.29	4	2.65	5
1970 .....	1.14	6	0.16	6	1.23	4	2.53	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

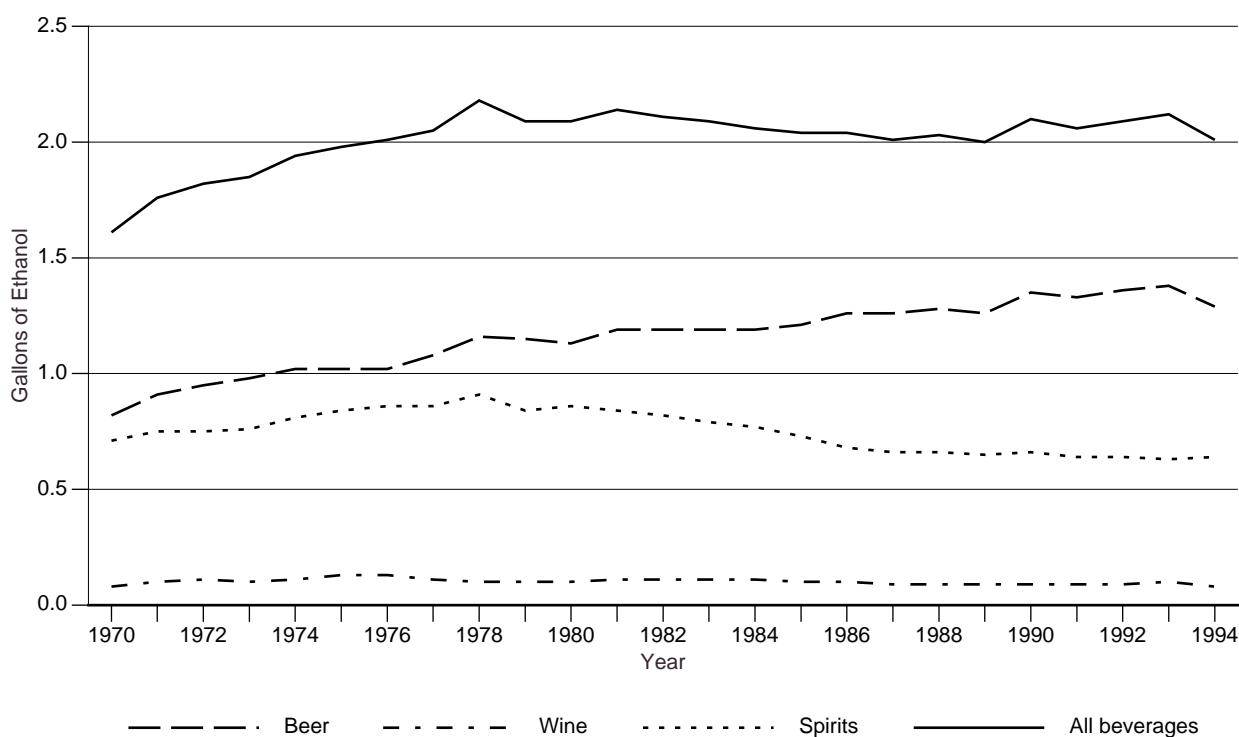


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Mississippi**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.29	6	0.08	10	0.64	6	2.01	7
1993 .....	1.38	3	0.10	10	0.63	7	2.12	7
1992 .....	1.36	4	0.09	10	0.64	7	2.09	8
1991 .....	1.32	6	0.09	10	0.64	7	2.06	8
1990 .....	1.35	5	0.09	10	0.66	7	2.10	8
1989 .....	1.26	6	0.09	10	0.65	7	2.00	9
1988 .....	1.28	6	0.09	10	0.66	8	2.03	9
1987 .....	1.26	7	0.09	10	0.66	8	2.01	9
1986 .....	1.26	7	0.10	10	0.68	7	2.04	9
1985 .....	1.21	8	0.10	10	0.73	8	2.04	9
1984 .....	1.19	8	0.11	10	0.77	7	2.06	9
1983 .....	1.19	8	0.11	10	0.79	7	2.09	9
1982 .....	1.19	8	0.11	10	0.82	8	2.11	9
1981 .....	1.19	8	0.11	10	0.84	8	2.14	9
1980 .....	1.13	8	0.10	10	0.86	7	2.09	9
1979 .....	1.15	9	0.10	10	0.84	8	2.09	9
1978 .....	1.16	8	0.10	10	0.91	7	2.18	8
1977 .....	1.08	9	0.11	9	0.86	7	2.05	9
1976 .....	1.02	9	0.13	9	0.86	7	2.01	9
1975 .....	1.02	9	0.13	9	0.84	8	1.98	9
1974 .....	1.02	9	0.11	10	0.81	8	1.94	9
1973 .....	0.98	9	0.10	10	0.76	9	1.85	9
1972 .....	0.95	9	0.11	9	0.75	8	1.82	9
1971 .....	0.91	9	0.10	10	0.75	9	1.76	9
1970 .....	0.82	9	0.08	10	0.71	9	1.61	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

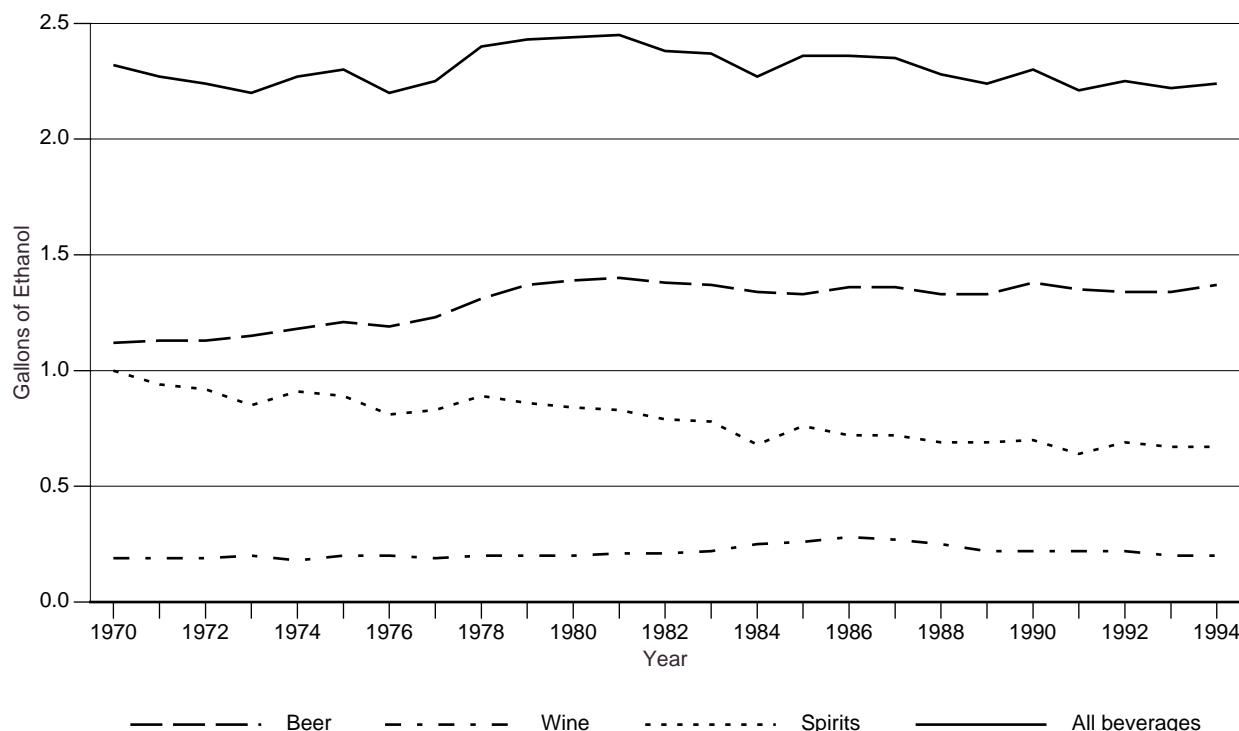


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Missouri**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.37	4	0.20	7	0.67	6	2.24	6
1993 .....	1.34	4	0.20	7	0.67	6	2.22	6
1992 .....	1.34	5	0.22	7	0.69	6	2.25	6
1991 .....	1.35	5	0.22	7	0.64	7	2.21	7
1990 .....	1.38	5	0.22	7	0.70	7	2.30	7
1989 .....	1.33	5	0.22	7	0.69	7	2.24	7
1988 .....	1.33	5	0.25	7	0.69	7	2.28	7
1987 .....	1.36	5	0.27	6	0.72	6	2.35	7
1986 .....	1.36	5	0.28	6	0.72	7	2.36	7
1985 .....	1.33	5	0.26	7	0.76	7	2.36	7
1984 .....	1.34	6	0.25	6	0.68	9	2.27	8
1983 .....	1.37	6	0.22	6	0.78	8	2.37	8
1982 .....	1.38	5	0.21	7	0.79	8	2.38	7
1981 .....	1.40	5	0.21	7	0.83	8	2.45	7
1980 .....	1.39	6	0.20	7	0.84	8	2.44	7
1979 .....	1.37	6	0.20	7	0.86	8	2.43	7
1978 .....	1.31	6	0.20	7	0.89	7	2.40	7
1977 .....	1.23	6	0.19	7	0.83	8	2.25	8
1976 .....	1.19	7	0.20	7	0.81	8	2.20	8
1975 .....	1.21	7	0.20	7	0.89	7	2.30	7
1974 .....	1.18	7	0.18	7	0.91	7	2.27	7
1973 .....	1.15	7	0.20	7	0.85	7	2.20	8
1972 .....	1.13	7	0.19	7	0.92	7	2.24	7
1971 .....	1.13	7	0.19	7	0.94	7	2.27	7
1970 .....	1.12	6	0.19	6	1.00	6	2.32	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

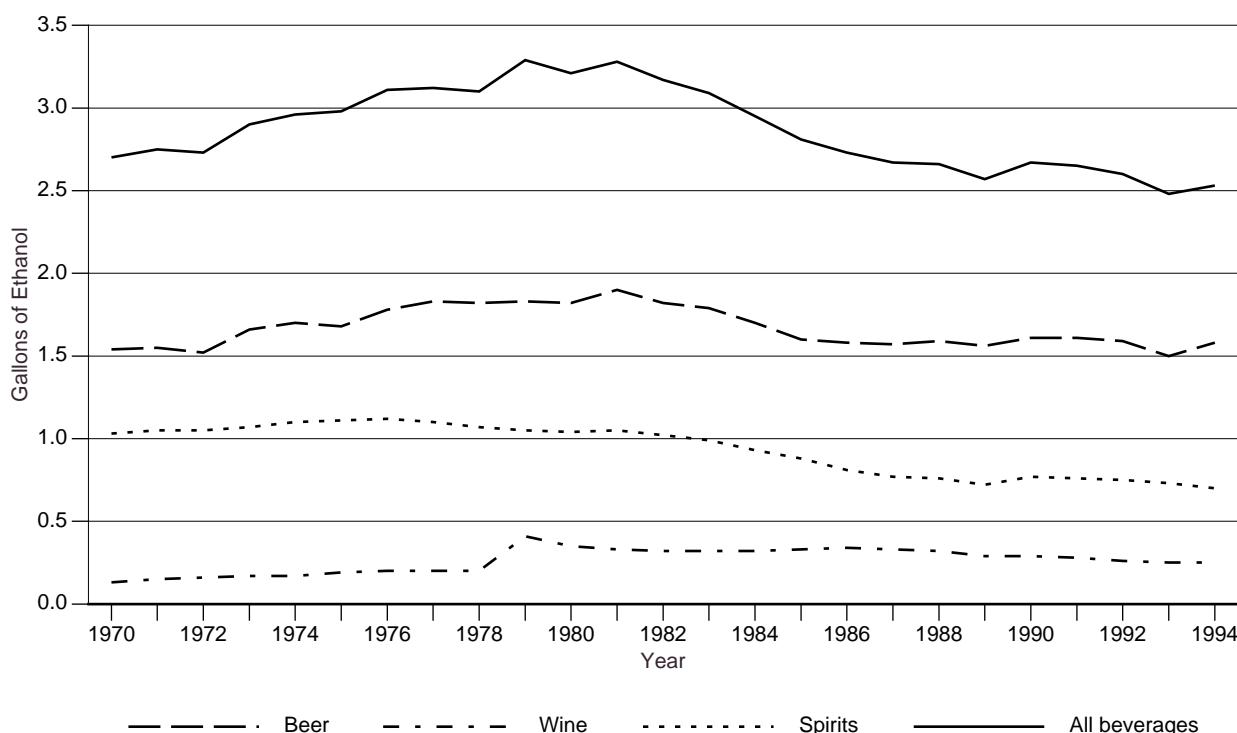


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Montana**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.58	2	0.25	5	0.70	5	2.53	2
1993 .....	1.50	2	0.25	5	0.73	5	2.48	3
1992 .....	1.59	2	0.26	5	0.75	5	2.60	2
1991 .....	1.61	1	0.28	5	0.76	5	2.65	3
1990 .....	1.61	2	0.29	5	0.77	6	2.67	3
1989 .....	1.56	2	0.29	6	0.72	6	2.57	4
1988 .....	1.59	2	0.32	6	0.76	6	2.66	4
1987 .....	1.57	2	0.33	6	0.77	6	2.67	4
1986 .....	1.58	2	0.34	5	0.81	6	2.73	4
1985 .....	1.60	2	0.33	5	0.88	6	2.81	4
1984 .....	1.70	2	0.32	5	0.93	6	2.95	3
1983 .....	1.79	1	0.32	5	0.99	6	3.09	3
1982 .....	1.82	1	0.32	5	1.02	5	3.17	3
1981 .....	1.90	1	0.33	4	1.05	5	3.28	3
1980 .....	1.82	1	0.35	4	1.04	6	3.21	3
1979 .....	1.83	2	0.41	3	1.05	6	3.29	3
1978 .....	1.82	1	0.20	6	1.07	6	3.10	3
1977 .....	1.83	1	0.20	7	1.10	5	3.12	3
1976 .....	1.78	1	0.20	7	1.12	5	3.11	3
1975 .....	1.68	1	0.19	7	1.11	5	2.98	4
1974 .....	1.70	1	0.17	7	1.10	5	2.96	4
1973 .....	1.66	1	0.17	7	1.07	5	2.90	4
1972 .....	1.52	1	0.16	8	1.05	6	2.73	4
1971 .....	1.55	1	0.15	8	1.05	6	2.75	4
1970 .....	1.54	1	0.13	8	1.03	6	2.70	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

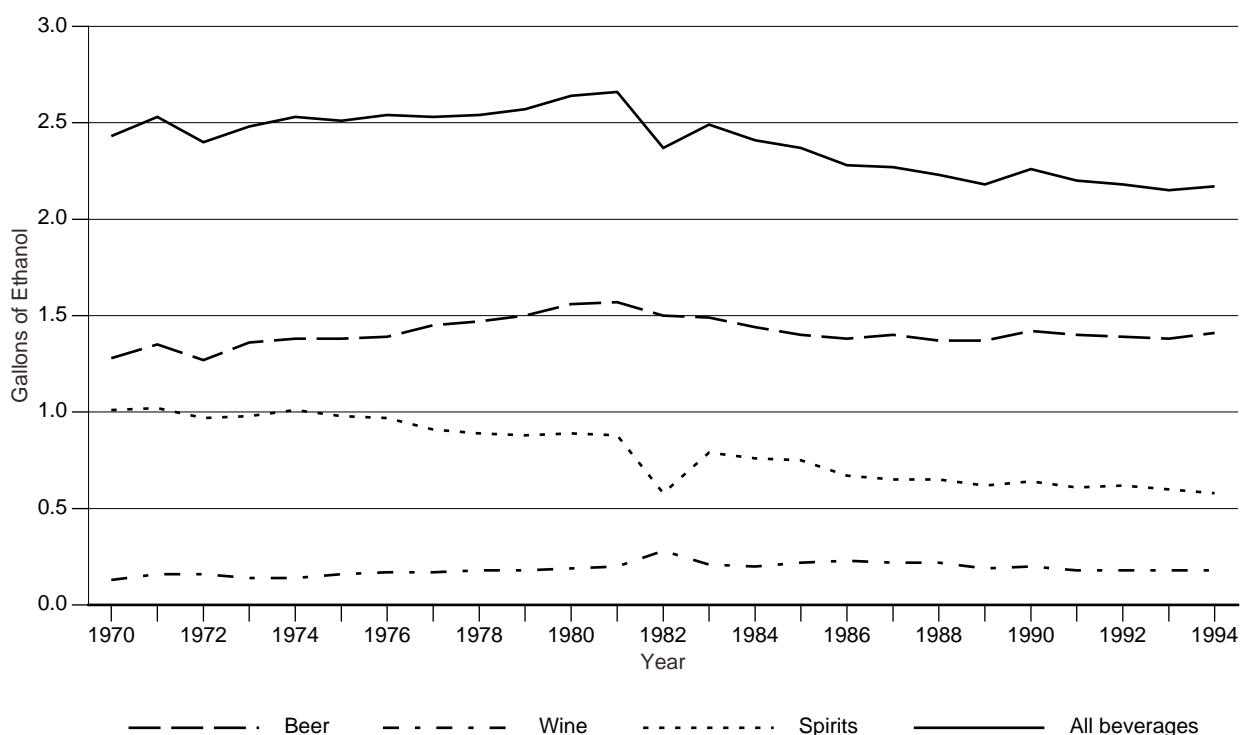


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Nebraska**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.41	4	0.18	7	0.58	7	2.17	6
1993 .....	1.38	4	0.18	8	0.60	7	2.15	7
1992 .....	1.39	4	0.18	8	0.62	7	2.18	7
1991 .....	1.40	4	0.18	8	0.61	7	2.20	7
1990 .....	1.42	4	0.20	8	0.64	7	2.26	7
1989 .....	1.37	4	0.19	8	0.62	8	2.18	7
1988 .....	1.37	5	0.22	8	0.65	8	2.23	7
1987 .....	1.40	4	0.22	8	0.65	8	2.27	7
1986 .....	1.38	5	0.23	8	0.67	8	2.28	7
1985 .....	1.40	4	0.22	8	0.75	7	2.37	7
1984 .....	1.44	4	0.20	8	0.76	7	2.41	7
1983 .....	1.49	4	0.21	8	0.79	8	2.49	7
1982 .....	1.50	3	0.28	6	0.58	10	2.37	8
1981 .....	1.57	3	0.20	7	0.88	7	2.66	6
1980 .....	1.56	3	0.19	8	0.89	7	2.64	6
1979 .....	1.50	3	0.18	7	0.88	7	2.57	7
1978 .....	1.47	3	0.18	7	0.89	7	2.54	7
1977 .....	1.45	3	0.17	7	0.91	7	2.53	6
1976 .....	1.39	4	0.17	8	0.97	7	2.54	7
1975 .....	1.38	4	0.16	8	0.98	7	2.51	7
1974 .....	1.38	4	0.14	8	1.01	6	2.53	6
1973 .....	1.36	3	0.14	9	0.98	6	2.48	6
1972 .....	1.27	4	0.16	8	0.97	6	2.40	6
1971 .....	1.35	2	0.16	8	1.02	6	2.53	6
1970 .....	1.28	3	0.13	8	1.01	6	2.43	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

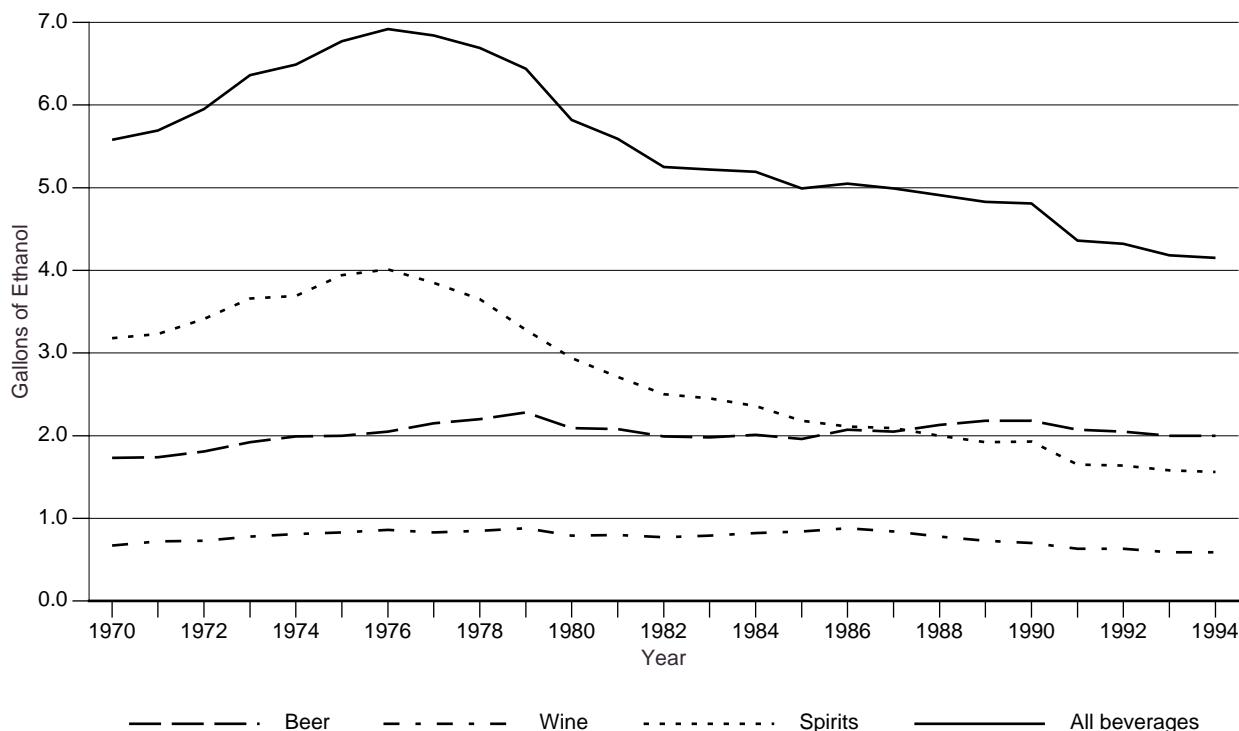


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Nevada**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	2.00	1	0.59	1	1.56	1	4.15	1
1993 .....	2.00	1	0.59	1	1.58	1	4.18	1
1992 .....	2.05	1	0.63	1	1.64	1	4.32	1
1991 .....	2.07	1	0.63	1	1.65	1	4.36	1
1990 .....	2.18	1	0.70	1	1.93	1	4.81	1
1989 .....	2.18	1	0.73	1	1.92	1	4.83	1
1988 .....	2.13	1	0.78	1	2.00	1	4.91	1
1987 .....	2.05	1	0.84	1	2.09	1	4.99	1
1986 .....	2.07	1	0.88	1	2.11	1	5.05	1
1985 .....	1.96	1	0.84	1	2.18	1	4.99	1
1984 .....	2.01	1	0.82	1	2.36	1	5.19	1
1983 .....	1.98	1	0.79	1	2.45	1	5.22	1
1982 .....	1.99	1	0.77	1	2.50	1	5.25	1
1981 .....	2.08	1	0.80	1	2.71	1	5.59	1
1980 .....	2.09	1	0.79	1	2.94	1	5.82	1
1979 .....	2.28	1	0.88	1	3.28	1	6.44	1
1978 .....	2.20	1	0.85	1	3.65	1	6.70	1
1977 .....	2.15	1	0.83	1	3.85	1	6.84	1
1976 .....	2.05	1	0.86	1	4.01	1	6.92	1
1975 .....	2.00	1	0.83	1	3.94	1	6.77	1
1974 .....	1.99	1	0.81	1	3.69	1	6.49	1
1973 .....	1.92	1	0.78	1	3.66	1	6.36	1
1972 .....	1.81	1	0.73	1	3.41	1	5.95	1
1971 .....	1.74	1	0.72	1	3.23	1	5.69	1
1970 .....	1.73	1	0.67	1	3.18	1	5.58	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

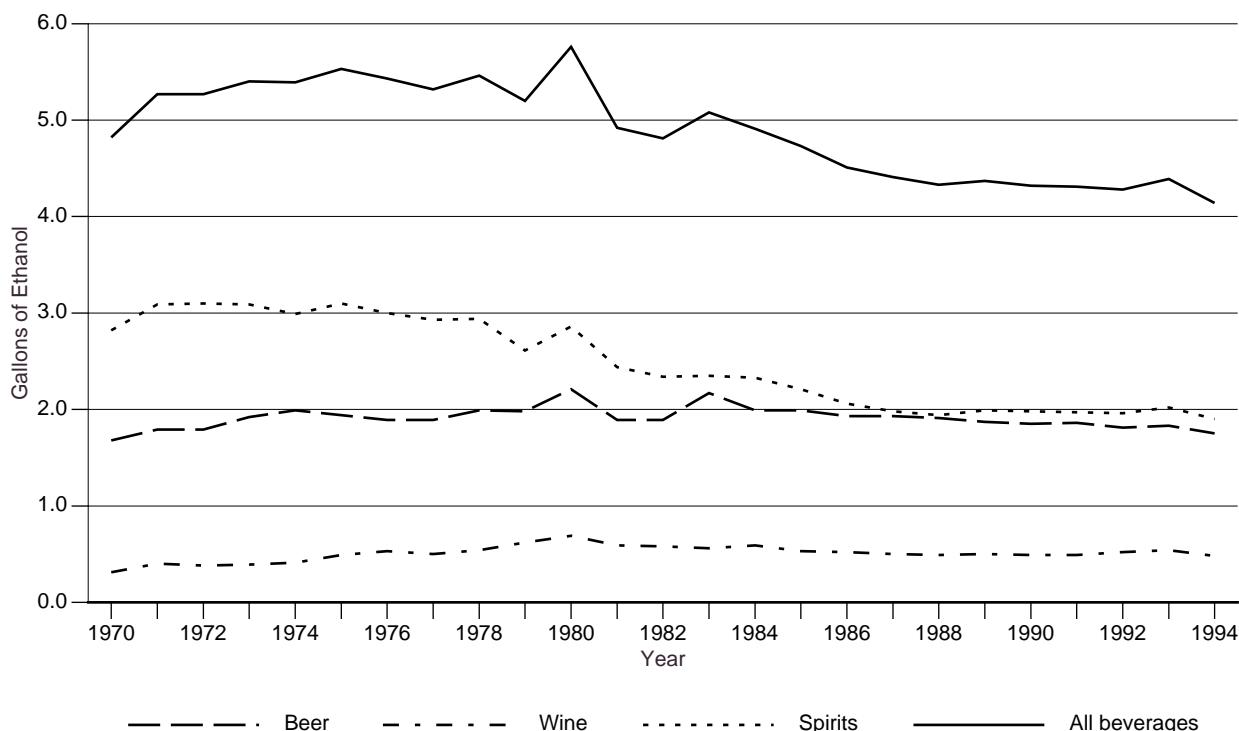


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**New Hampshire**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.75	1	0.48	1	1.90	1	4.14	1
1993 .....	1.83	1	0.54	1	2.02	1	4.39	1
1992 .....	1.81	1	0.52	1	1.96	1	4.28	1
1991 .....	1.86	1	0.49	1	1.97	1	4.31	1
1990 .....	1.85	1	0.49	1	1.98	1	4.32	1
1989 .....	1.87	1	0.50	2	1.99	1	4.37	1
1988 .....	1.91	1	0.49	3	1.94	1	4.33	1
1987 .....	1.93	1	0.50	3	1.98	1	4.41	1
1986 .....	1.93	1	0.52	3	2.06	1	4.51	1
1985 .....	1.99	1	0.53	2	2.21	1	4.73	1
1984 .....	1.99	1	0.59	1	2.33	1	4.91	1
1983 .....	2.17	1	0.56	1	2.35	1	5.08	1
1982 .....	1.89	1	0.58	1	2.34	1	4.81	1
1981 .....	1.89	1	0.59	1	2.44	1	4.92	1
1980 .....	2.21	1	0.69	1	2.86	1	5.76	1
1979 .....	1.98	1	0.62	1	2.61	1	5.20	1
1978 .....	1.99	1	0.54	1	2.94	1	5.46	1
1977 .....	1.89	1	0.50	1	2.93	1	5.32	1
1976 .....	1.89	1	0.53	1	3.00	1	5.43	1
1975 .....	1.94	1	0.49	1	3.10	1	5.52	1
1974 .....	1.99	1	0.41	3	2.99	1	5.39	1
1973 .....	1.92	1	0.39	3	3.09	1	5.40	1
1972 .....	1.79	1	0.38	3	3.10	1	5.27	1
1971 .....	1.79	1	0.40	3	3.09	1	5.27	1
1970 .....	1.68	1	0.32	3	2.82	1	4.82	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

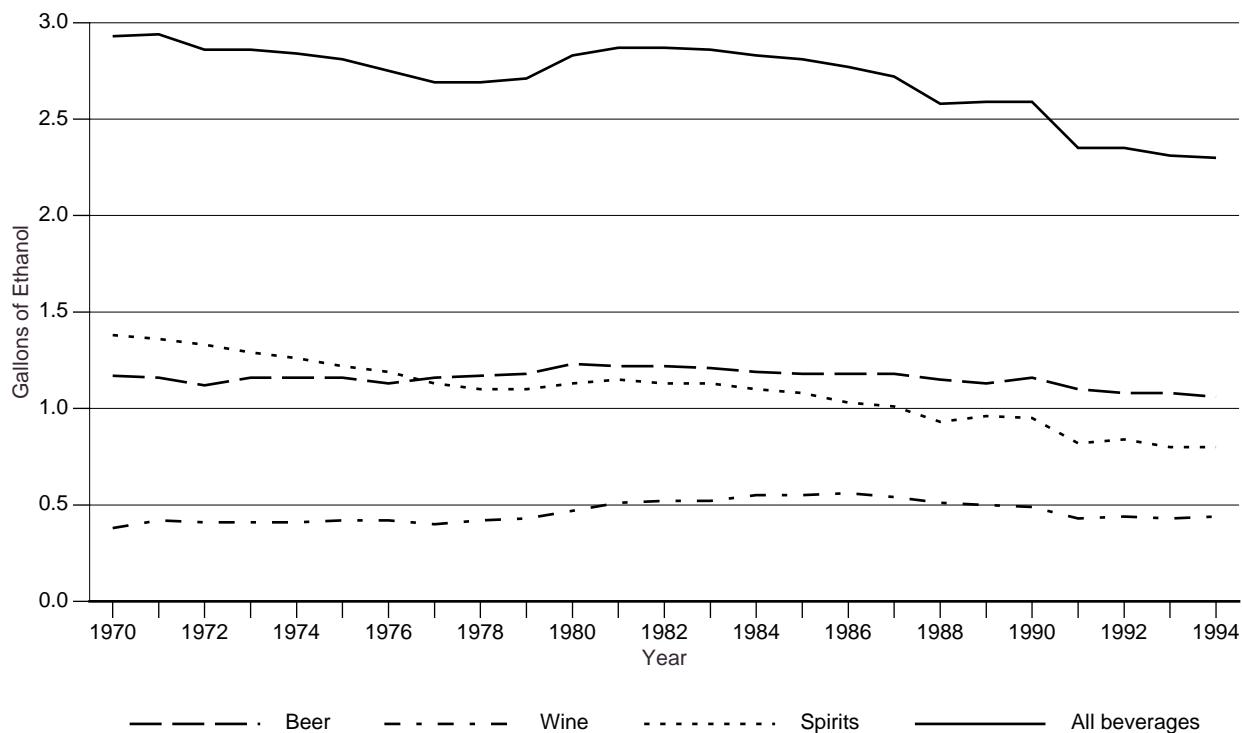


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

New Jersey

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.06	10	0.44	2	0.80	3	2.30	5
1993 .....	1.08	10	0.43	2	0.80	3	2.31	5
1992 .....	1.08	9	0.44	2	0.84	3	2.35	5
1991 .....	1.10	9	0.43	2	0.82	3	2.35	5
1990 .....	1.16	9	0.49	1	0.95	3	2.59	4
1989 .....	1.13	9	0.50	1	0.96	2	2.59	3
1988 .....	1.15	9	0.51	2	0.93	3	2.58	4
1987 .....	1.18	8	0.54	2	1.01	2	2.72	4
1986 .....	1.18	8	0.56	2	1.03	3	2.77	4
1985 .....	1.18	8	0.55	2	1.08	3	2.81	4
1984 .....	1.19	8	0.55	2	1.10	3	2.83	4
1983 .....	1.21	8	0.52	2	1.13	3	2.86	4
1982 .....	1.22	8	0.52	2	1.13	3	2.87	4
1981 .....	1.22	8	0.51	2	1.15	4	2.87	5
1980 .....	1.23	8	0.47	2	1.13	5	2.83	5
1979 .....	1.18	8	0.43	3	1.10	5	2.71	6
1978 .....	1.17	8	0.42	3	1.10	5	2.69	5
1977 .....	1.16	8	0.40	2	1.13	5	2.69	5
1976 .....	1.13	7	0.42	3	1.19	5	2.75	5
1975 .....	1.16	7	0.42	3	1.22	4	2.81	5
1974 .....	1.16	7	0.41	2	1.26	4	2.84	5
1973 .....	1.16	7	0.41	2	1.29	4	2.86	4
1972 .....	1.12	7	0.41	2	1.33	3	2.86	3
1971 .....	1.16	6	0.42	2	1.36	3	2.94	3
1970 .....	1.17	6	0.38	2	1.38	3	2.93	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

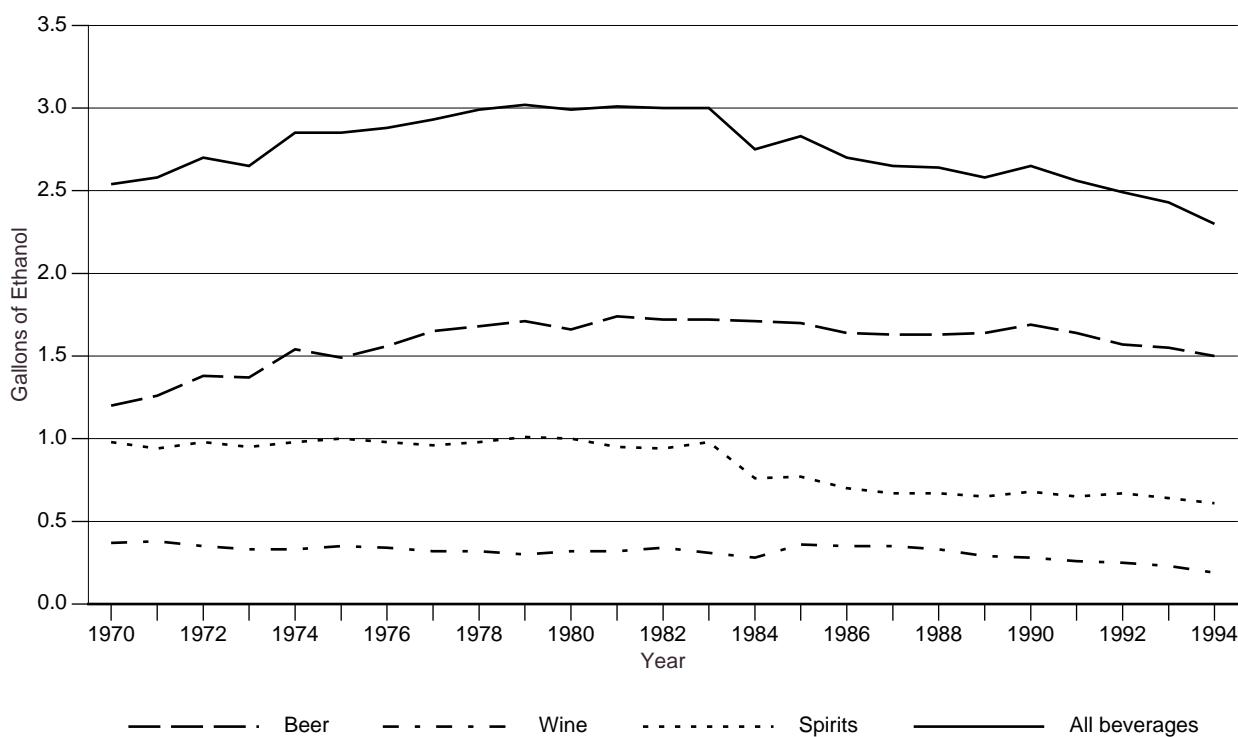


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**New Mexico**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.50	2	0.19	7	0.61	7	2.30	5
1993 .....	1.55	2	0.23	6	0.64	7	2.43	3
1992 .....	1.57	2	0.25	5	0.67	7	2.49	4
1991 .....	1.65	1	0.26	6	0.65	7	2.56	3
1990 .....	1.69	1	0.28	6	0.68	7	2.65	3
1989 .....	1.64	1	0.29	6	0.65	7	2.58	4
1988 .....	1.63	1	0.33	5	0.67	7	2.64	4
1987 .....	1.63	2	0.35	5	0.67	7	2.64	4
1986 .....	1.64	2	0.35	5	0.70	7	2.70	4
1985 .....	1.70	1	0.36	5	0.77	7	2.83	4
1984 .....	1.71	2	0.28	6	0.76	8	2.75	5
1983 .....	1.72	2	0.31	5	0.98	6	3.00	4
1982 .....	1.72	2	0.34	4	0.94	6	3.00	4
1981 .....	1.74	2	0.32	5	0.95	6	3.01	4
1980 .....	1.66	2	0.32	5	1.00	6	2.99	4
1979 .....	1.71	2	0.30	5	1.01	6	3.02	4
1978 .....	1.68	2	0.32	4	0.98	6	2.99	4
1977 .....	1.65	2	0.32	4	0.96	6	2.93	4
1976 .....	1.56	2	0.34	4	0.98	6	2.88	4
1975 .....	1.50	2	0.35	4	1.00	6	2.85	5
1974 .....	1.54	2	0.33	4	0.98	7	2.84	5
1973 .....	1.37	3	0.33	4	0.95	7	2.65	5
1972 .....	1.38	2	0.35	3	0.98	6	2.70	4
1971 .....	1.26	4	0.38	3	0.94	7	2.58	5
1970 .....	1.20	4	0.36	3	0.98	7	2.54	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

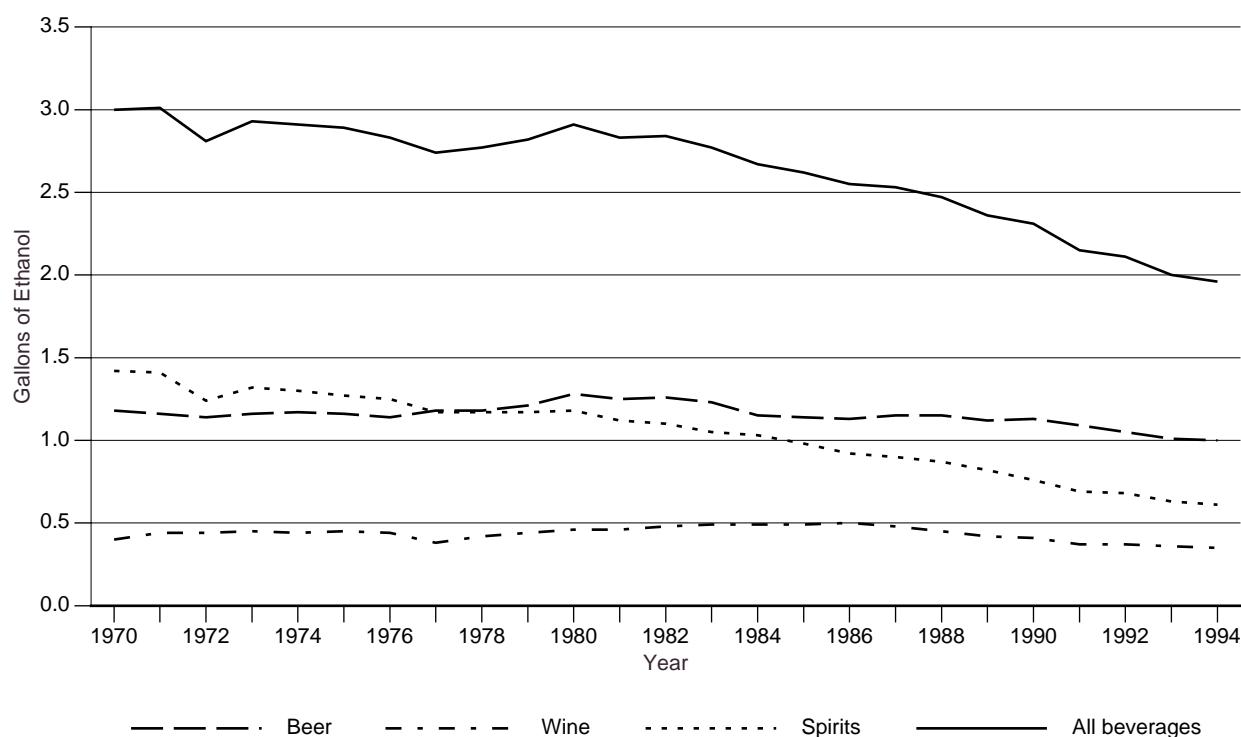


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**New York**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.00	10	0.35	4	0.61	7	1.96	8
1993 .....	1.01	10	0.36	3	0.63	7	2.00	8
1992 .....	1.05	10	0.37	3	0.68	6	2.11	8
1991 .....	1.09	10	0.37	3	0.69	6	2.15	7
1990 .....	1.13	9	0.41	3	0.76	6	2.31	7
1989 .....	1.12	9	0.42	3	0.82	5	2.36	7
1988 .....	1.15	8	0.45	3	0.87	5	2.47	6
1987 .....	1.15	9	0.48	3	0.90	4	2.53	5
1986 .....	1.13	9	0.50	3	0.92	4	2.55	6
1985 .....	1.14	9	0.49	3	0.98	5	2.62	5
1984 .....	1.15	9	0.49	3	1.03	4	2.67	5
1983 .....	1.23	8	0.49	3	1.05	4	2.77	5
1982 .....	1.26	8	0.48	3	1.10	4	2.84	5
1981 .....	1.25	7	0.46	3	1.12	4	2.83	5
1980 .....	1.28	7	0.46	3	1.18	4	2.91	5
1979 .....	1.21	8	0.44	3	1.17	4	2.82	5
1978 .....	1.18	8	0.42	3	1.17	4	2.77	5
1977 .....	1.18	7	0.38	3	1.17	4	2.74	5
1976 .....	1.14	7	0.44	3	1.25	4	2.83	5
1975 .....	1.16	7	0.45	2	1.27	4	2.89	4
1974 .....	1.17	7	0.44	2	1.30	4	2.91	4
1973 .....	1.16	7	0.45	2	1.32	3	2.93	4
1972 .....	1.14	6	0.44	2	1.24	4	2.81	4
1971 .....	1.16	6	0.44	2	1.41	2	3.01	2
1970 .....	1.18	5	0.40	1	1.42	2	3.00	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

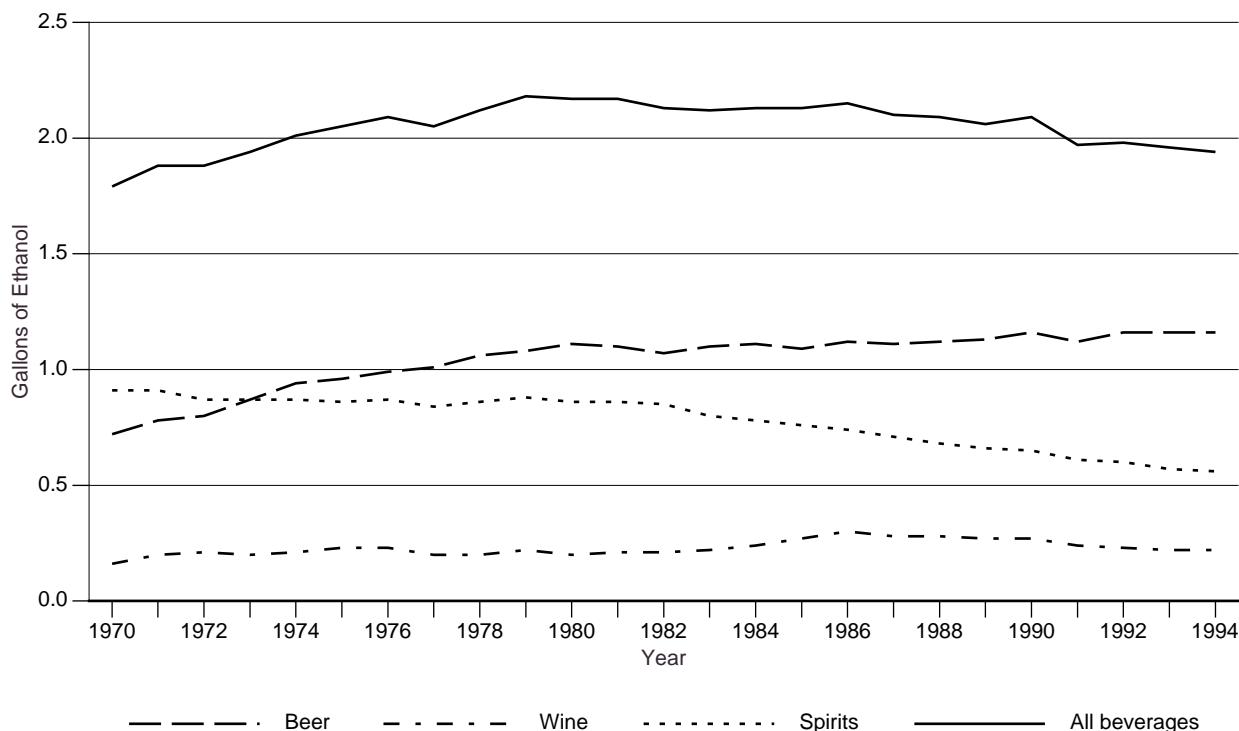


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**North Carolina**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.16	8	0.22	6	0.56	8	1.94	8
1993 .....	1.16	8	0.22	6	0.57	8	1.96	8
1992 .....	1.16	8	0.23	6	0.60	8	1.98	8
1991 .....	1.12	9	0.24	6	0.61	7	1.97	9
1990 .....	1.16	9	0.27	6	0.65	7	2.09	9
1989 .....	1.13	8	0.27	6	0.66	7	2.06	8
1988 .....	1.12	9	0.28	6	0.68	7	2.09	8
1987 .....	1.11	9	0.28	6	0.71	7	2.10	8
1986 .....	1.12	9	0.30	6	0.74	6	2.15	8
1985 .....	1.09	9	0.27	6	0.76	7	2.13	8
1984 .....	1.11	9	0.24	7	0.78	7	2.13	8
1983 .....	1.10	9	0.22	7	0.80	7	2.12	9
1982 .....	1.07	10	0.21	7	0.85	7	2.13	9
1981 .....	1.10	9	0.21	7	0.86	7	2.17	9
1980 .....	1.11	9	0.20	7	0.86	7	2.17	9
1979 .....	1.08	9	0.22	7	0.88	7	2.18	9
1978 .....	1.06	10	0.20	7	0.86	8	2.12	9
1977 .....	1.01	10	0.20	6	0.84	8	2.05	8
1976 .....	0.99	9	0.23	6	0.87	7	2.09	8
1975 .....	0.96	10	0.23	6	0.86	7	2.05	8
1974 .....	0.94	10	0.21	6	0.87	7	2.01	8
1973 .....	0.87	10	0.20	6	0.87	7	1.94	8
1972 .....	0.80	10	0.21	6	0.87	7	1.88	9
1971 .....	0.78	10	0.20	6	0.91	7	1.88	9
1970 .....	0.72	10	0.16	6	0.91	7	1.79	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

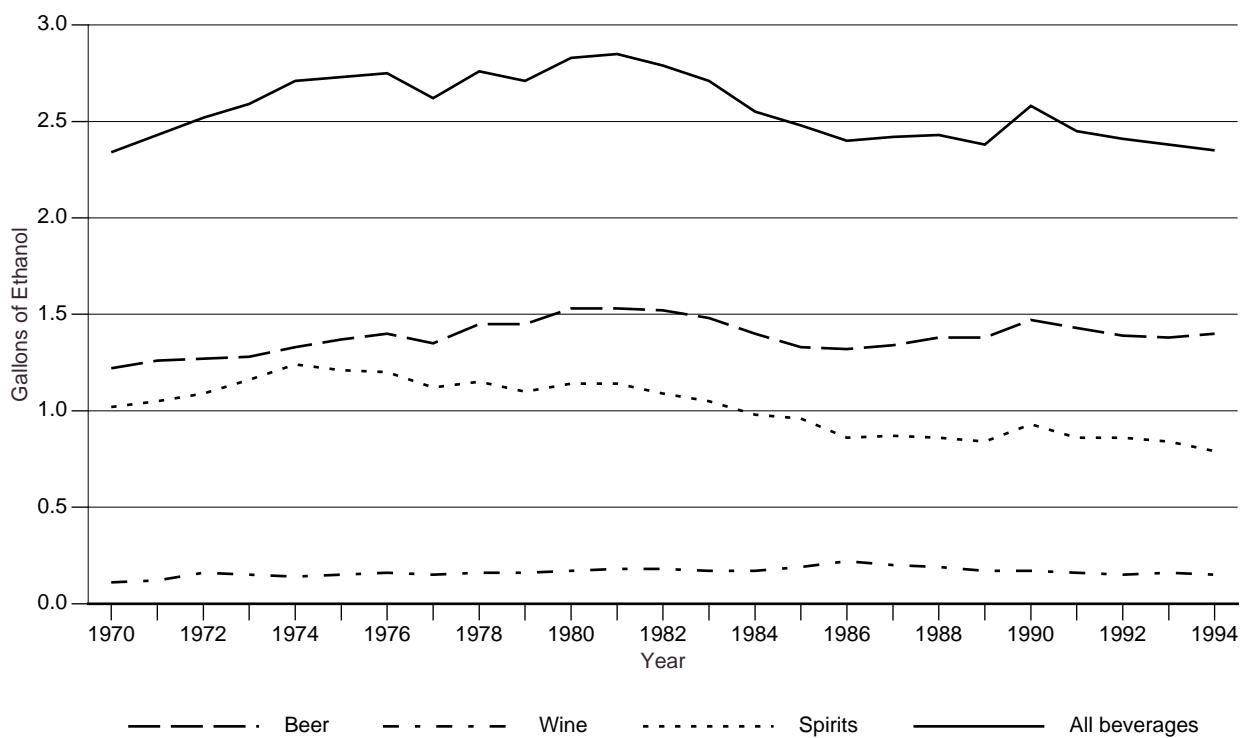


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**North Dakota**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.40	4	0.15	8	0.79	3	2.35	4
1993 .....	1.38	4	0.16	8	0.84	3	2.38	4
1992 .....	1.39	3	0.15	8	0.86	2	2.41	5
1991 .....	1.43	3	0.16	9	0.86	3	2.45	4
1990 .....	1.47	3	0.17	9	0.93	3	2.58	4
1989 .....	1.38	4	0.17	8	0.84	4	2.38	6
1988 .....	1.38	4	0.19	9	0.86	5	2.43	6
1987 .....	1.35	5	0.20	8	0.87	5	2.42	6
1986 .....	1.32	6	0.22	8	0.86	5	2.40	7
1985 .....	1.33	5	0.19	8	0.96	5	2.48	7
1984 .....	1.40	4	0.17	9	0.98	5	2.55	6
1983 .....	1.48	4	0.17	8	1.05	5	2.71	6
1982 .....	1.52	3	0.18	8	1.09	4	2.79	5
1981 .....	1.53	3	0.18	9	1.14	4	2.85	5
1980 .....	1.53	3	0.17	8	1.14	4	2.83	5
1979 .....	1.45	4	0.16	8	1.10	5	2.71	6
1978 .....	1.45	3	0.16	8	1.15	5	2.76	5
1977 .....	1.35	4	0.15	8	1.12	5	2.62	6
1976 .....	1.40	4	0.16	8	1.20	4	2.75	5
1975 .....	1.37	4	0.15	8	1.21	4	2.73	5
1974 .....	1.33	5	0.14	9	1.24	5	2.71	6
1973 .....	1.28	5	0.15	9	1.16	5	2.59	6
1972 .....	1.27	4	0.16	8	1.09	5	2.52	6
1971 .....	1.26	4	0.12	9	1.05	5	2.43	6
1970 .....	1.21	4	0.11	9	1.02	6	2.34	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

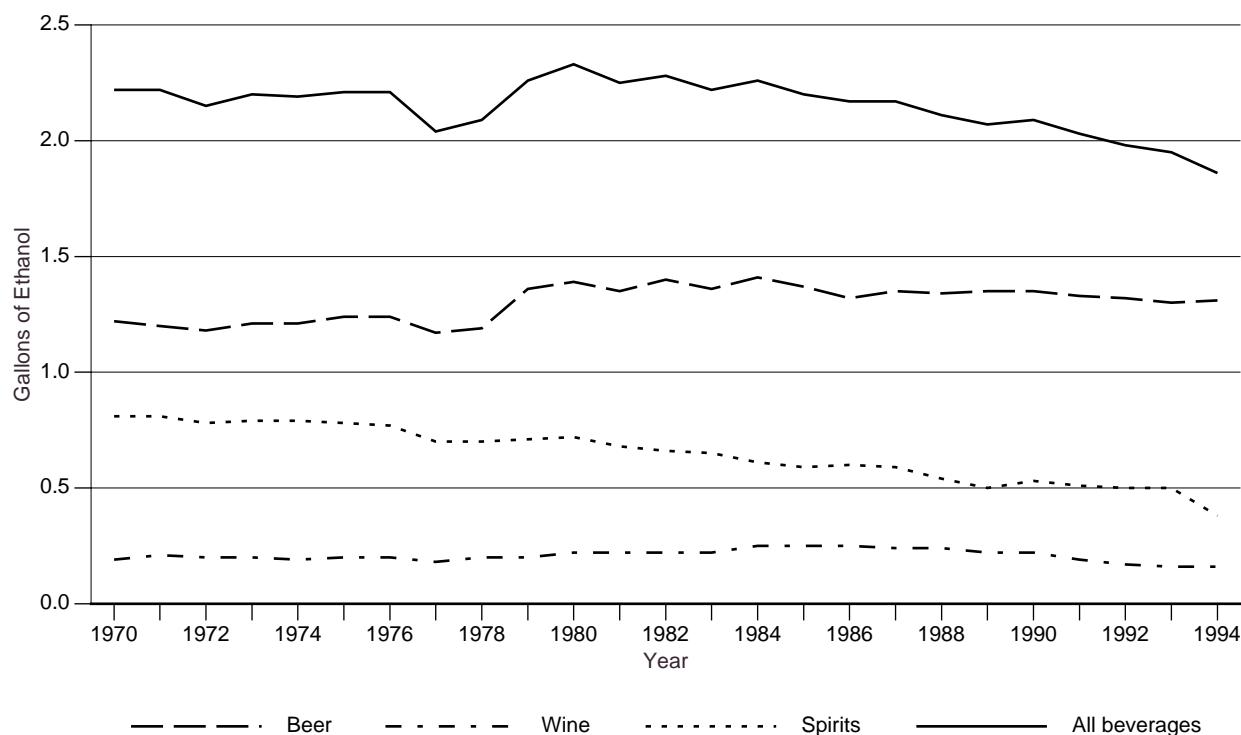


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Ohio**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.31	5	0.16	8	0.38	10	1.85	9
1993 .....	1.30	5	0.16	8	0.50	9	1.95	9
1992 .....	1.32	6	0.17	8	0.50	10	1.98	8
1991 .....	1.33	5	0.19	8	0.51	10	2.03	8
1990 .....	1.35	6	0.22	7	0.53	10	2.09	8
1989 .....	1.35	5	0.22	7	0.50	10	2.07	8
1988 .....	1.34	5	0.24	7	0.54	9	2.11	8
1987 .....	1.35	5	0.24	7	0.59	9	2.17	8
1986 .....	1.32	6	0.25	7	0.60	9	2.17	8
1985 .....	1.37	5	0.25	7	0.59	10	2.20	8
1984 .....	1.41	4	0.25	7	0.61	10	2.26	8
1983 .....	1.36	6	0.22	7	0.65	9	2.22	8
1982 .....	1.40	5	0.22	7	0.66	9	2.28	8
1981 .....	1.35	6	0.22	7	0.68	10	2.25	8
1980 .....	1.39	6	0.22	7	0.72	9	2.33	8
1979 .....	1.36	6	0.20	7	0.71	10	2.26	8
1978 .....	1.20	7	0.20	7	0.70	10	2.09	9
1977 .....	1.17	8	0.18	7	0.70	10	2.04	9
1976 .....	1.24	7	0.20	7	0.77	9	2.21	8
1975 .....	1.24	6	0.20	7	0.78	9	2.21	8
1974 .....	1.21	7	0.19	7	0.79	8	2.19	8
1973 .....	1.21	6	0.20	7	0.79	8	2.20	8
1972 .....	1.18	6	0.20	7	0.78	8	2.15	8
1971 .....	1.20	5	0.21	6	0.81	8	2.22	7
1970 .....	1.22	4	0.19	6	0.81	8	2.22	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

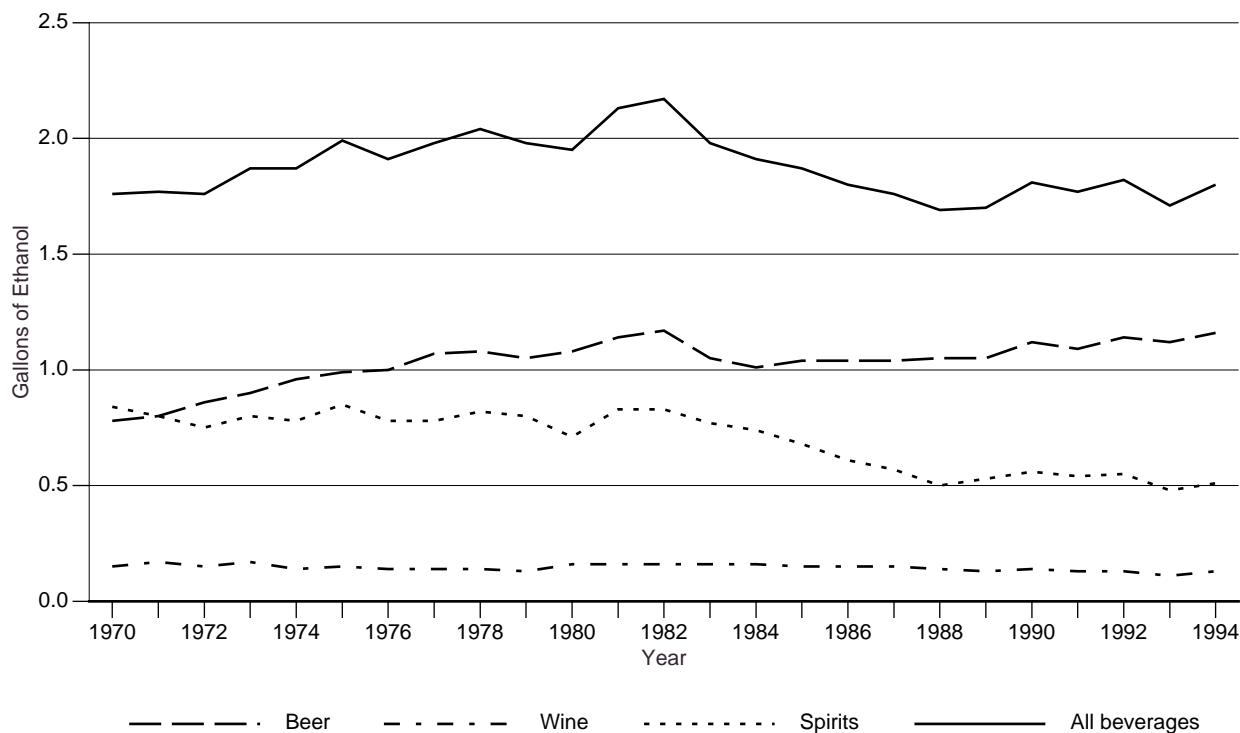


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Oklahoma**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.16	8	0.13	9	0.51	9	1.80	9
1993 .....	1.12	9	0.11	9	0.48	10	1.71	10
1992 .....	1.14	8	0.13	9	0.55	9	1.82	9
1991 .....	1.10	10	0.13	9	0.54	9	1.77	10
1990 .....	1.12	10	0.14	9	0.56	9	1.81	10
1989 .....	1.05	10	0.13	9	0.53	10	1.70	10
1988 .....	1.05	10	0.14	10	0.50	10	1.69	10
1987 .....	1.04	10	0.15	10	0.57	10	1.76	10
1986 .....	1.04	10	0.15	10	0.61	9	1.80	10
1985 .....	1.04	10	0.15	9	0.68	8	1.87	10
1984 .....	1.01	10	0.16	9	0.74	8	1.91	9
1983 .....	1.05	10	0.16	9	0.77	8	1.98	9
1982 .....	1.17	9	0.16	9	0.83	7	2.17	9
1981 .....	1.14	9	0.16	9	0.83	8	2.13	9
1980 .....	1.08	9	0.16	9	0.71	9	1.95	9
1979 .....	1.05	10	0.13	9	0.80	8	1.98	9
1978 .....	1.08	9	0.14	9	0.82	8	2.04	9
1977 .....	1.07	9	0.14	9	0.78	9	1.98	9
1976 .....	1.00	9	0.14	9	0.78	9	1.91	9
1975 .....	0.99	9	0.15	9	0.85	8	1.99	9
1974 .....	0.96	9	0.14	9	0.78	9	1.87	9
1973 .....	0.90	10	0.17	8	0.80	8	1.87	9
1972 .....	0.86	10	0.15	9	0.75	9	1.76	9
1971 .....	0.80	10	0.17	7	0.80	8	1.77	9
1970 .....	0.78	10	0.15	7	0.84	8	1.76	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

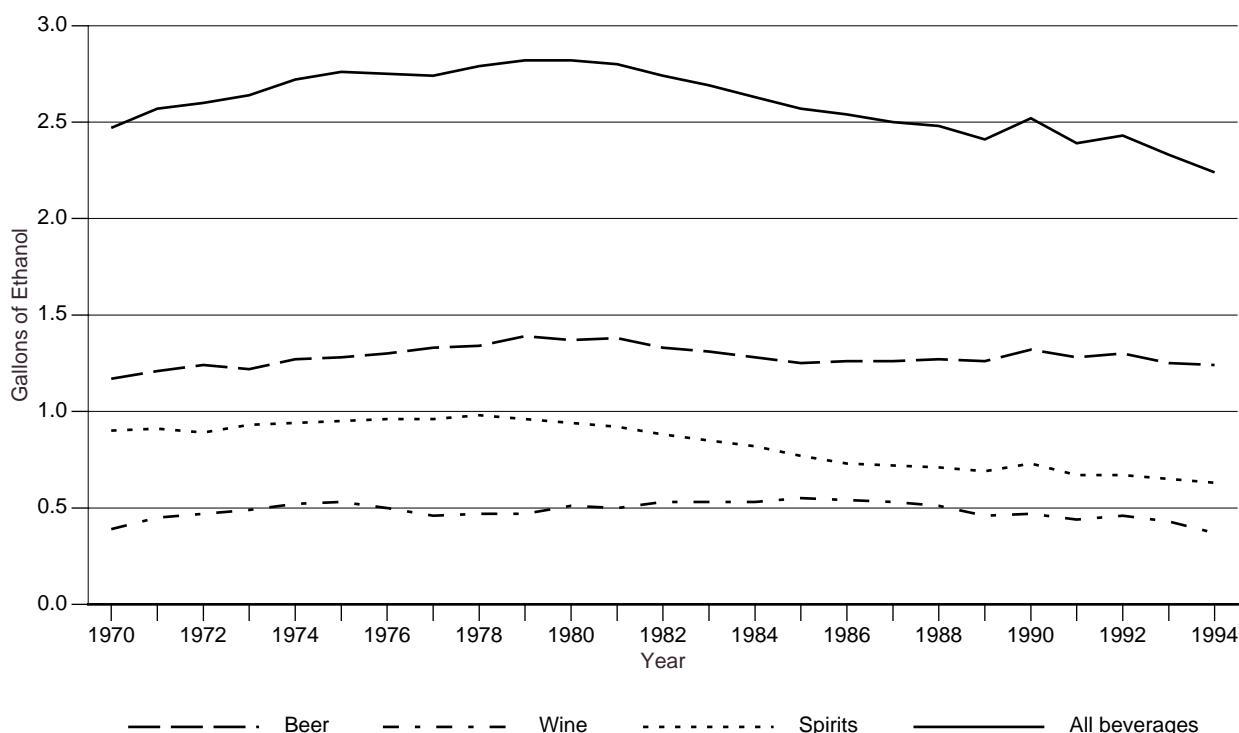


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Oregon**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.24	6	0.37	3	0.63	7	2.24	6
1993 .....	1.25	6	0.43	2	0.65	6	2.33	5
1992 .....	1.30	6	0.46	2	0.67	7	2.43	4
1991 .....	1.28	6	0.44	2	0.67	6	2.39	5
1990 .....	1.32	6	0.47	2	0.73	6	2.52	5
1989 .....	1.26	6	0.46	2	0.69	6	2.41	6
1988 .....	1.27	7	0.51	1	0.71	6	2.48	5
1987 .....	1.26	7	0.53	2	0.72	7	2.50	6
1986 .....	1.26	7	0.54	2	0.73	7	2.54	6
1985 .....	1.25	7	0.55	2	0.77	7	2.57	6
1984 .....	1.28	7	0.53	2	0.82	6	2.63	6
1983 .....	1.31	7	0.53	2	0.85	7	2.69	6
1982 .....	1.33	6	0.53	2	0.88	7	2.74	6
1981 .....	1.38	6	0.50	2	0.92	7	2.80	6
1980 .....	1.37	6	0.51	2	0.94	7	2.82	5
1979 .....	1.39	6	0.47	2	0.96	7	2.82	5
1978 .....	1.34	6	0.47	2	0.98	7	2.79	5
1977 .....	1.33	6	0.46	1	0.96	7	2.74	5
1976 .....	1.30	6	0.50	1	0.96	7	2.75	5
1975 .....	1.28	6	0.53	1	0.95	7	2.76	5
1974 .....	1.27	6	0.52	1	0.94	7	2.72	6
1973 .....	1.22	6	0.49	1	0.93	7	2.64	5
1972 .....	1.24	5	0.47	1	0.89	7	2.60	5
1971 .....	1.21	5	0.45	2	0.91	7	2.57	6
1970 .....	1.17	6	0.39	1	0.90	7	2.47	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

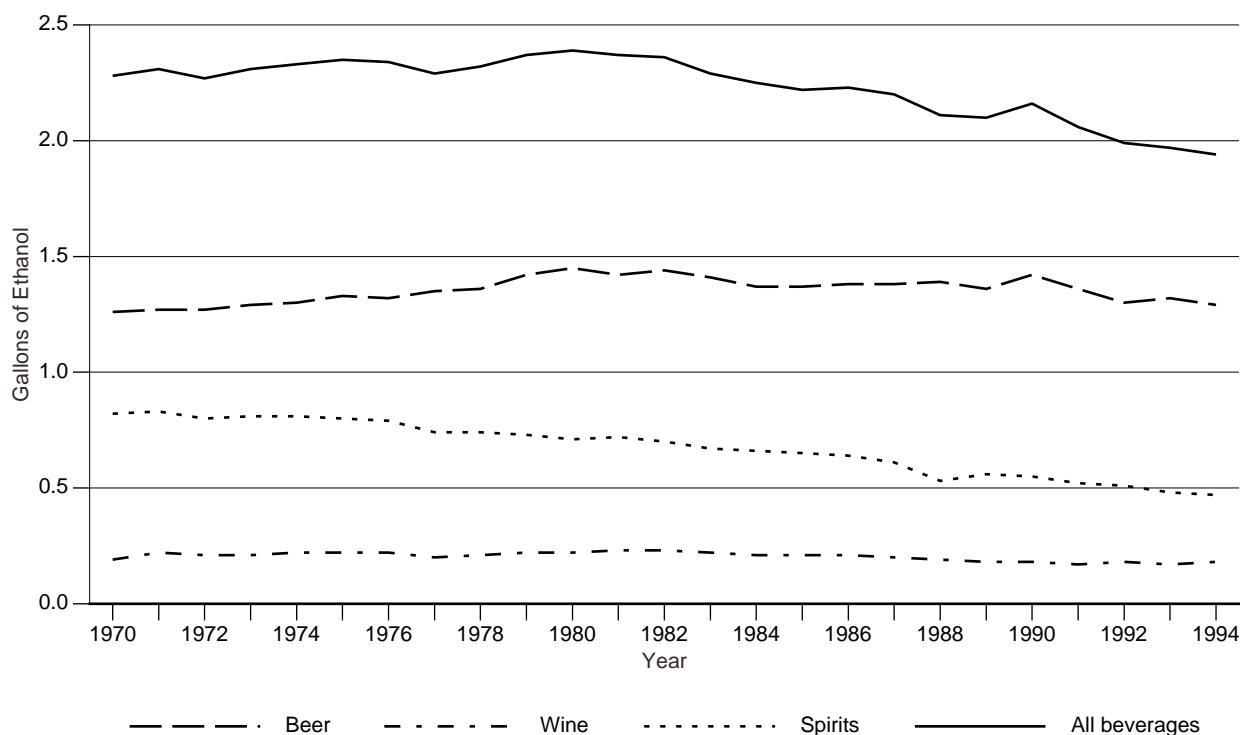


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Pennsylvania**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.29	5	0.18	8	0.47	9	1.94	8
1993 .....	1.32	5	0.17	8	0.48	10	1.97	8
1992 .....	1.30	6	0.18	8	0.51	10	1.99	8
1991 .....	1.36	5	0.17	8	0.52	10	2.06	8
1990 .....	1.42	4	0.18	8	0.55	9	2.16	8
1989 .....	1.36	5	0.18	8	0.56	9	2.10	7
1988 .....	1.39	4	0.19	8	0.53	10	2.11	8
1987 .....	1.38	4	0.20	8	0.61	8	2.20	8
1986 .....	1.38	4	0.21	8	0.64	8	2.23	8
1985 .....	1.37	4	0.21	8	0.65	9	2.22	8
1984 .....	1.37	5	0.21	8	0.66	9	2.25	8
1983 .....	1.41	5	0.22	7	0.67	9	2.29	8
1982 .....	1.44	5	0.23	7	0.70	9	2.36	8
1981 .....	1.42	5	0.23	7	0.72	9	2.37	8
1980 .....	1.45	4	0.22	6	0.71	9	2.39	8
1979 .....	1.42	5	0.22	6	0.73	9	2.37	8
1978 .....	1.36	5	0.21	6	0.74	9	2.32	8
1977 .....	1.35	5	0.20	6	0.74	9	2.29	8
1976 .....	1.32	5	0.22	6	0.79	9	2.34	7
1975 .....	1.33	5	0.22	6	0.80	9	2.35	7
1974 .....	1.30	5	0.22	6	0.81	8	2.33	7
1973 .....	1.29	4	0.21	6	0.81	8	2.31	7
1972 .....	1.27	4	0.21	6	0.80	8	2.27	7
1971 .....	1.27	4	0.22	6	0.83	8	2.31	6
1970 .....	1.26	3	0.19	6	0.82	8	2.28	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

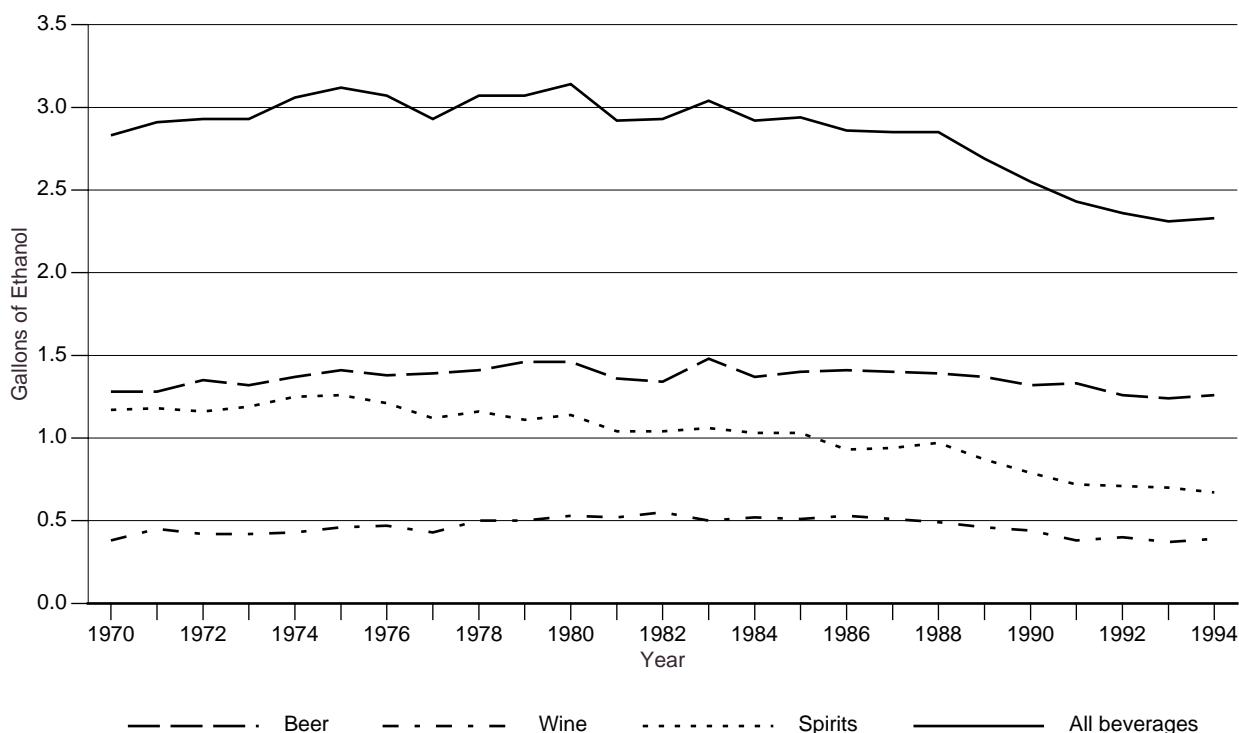


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Rhode Island**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.26	6	0.39	3	0.67	6	2.33	4
1993 .....	1.24	7	0.37	3	0.70	6	2.31	5
1992 .....	1.26	7	0.40	3	0.71	6	2.36	5
1991 .....	1.33	5	0.38	3	0.72	6	2.43	4
1990 .....	1.32	7	0.44	3	0.79	5	2.55	5
1989 .....	1.37	4	0.46	3	0.87	3	2.69	3
1988 .....	1.39	4	0.49	2	0.97	2	2.85	3
1987 .....	1.40	4	0.52	2	0.94	3	2.85	3
1986 .....	1.41	4	0.53	2	0.93	4	2.86	3
1985 .....	1.40	4	0.51	2	1.03	4	2.94	3
1984 .....	1.37	5	0.52	2	1.03	4	2.92	3
1983 .....	1.48	4	0.50	2	1.06	4	3.04	3
1982 .....	1.34	6	0.55	2	1.04	5	2.93	4
1981 .....	1.36	6	0.52	2	1.04	6	2.92	4
1980 .....	1.46	4	0.53	1	1.14	4	3.14	3
1979 .....	1.46	4	0.50	1	1.11	5	3.07	3
1978 .....	1.41	4	0.50	1	1.16	4	3.07	3
1977 .....	1.39	4	0.43	2	1.12	5	2.93	4
1976 .....	1.38	4	0.47	2	1.21	4	3.07	3
1975 .....	1.41	4	0.46	2	1.26	4	3.12	3
1974 .....	1.37	4	0.43	2	1.25	4	3.06	3
1973 .....	1.32	4	0.42	2	1.19	4	2.93	3
1972 .....	1.35	3	0.42	2	1.16	4	2.93	3
1971 .....	1.28	3	0.45	1	1.18	4	2.91	3
1970 .....	1.28	3	0.38	2	1.17	4	2.83	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

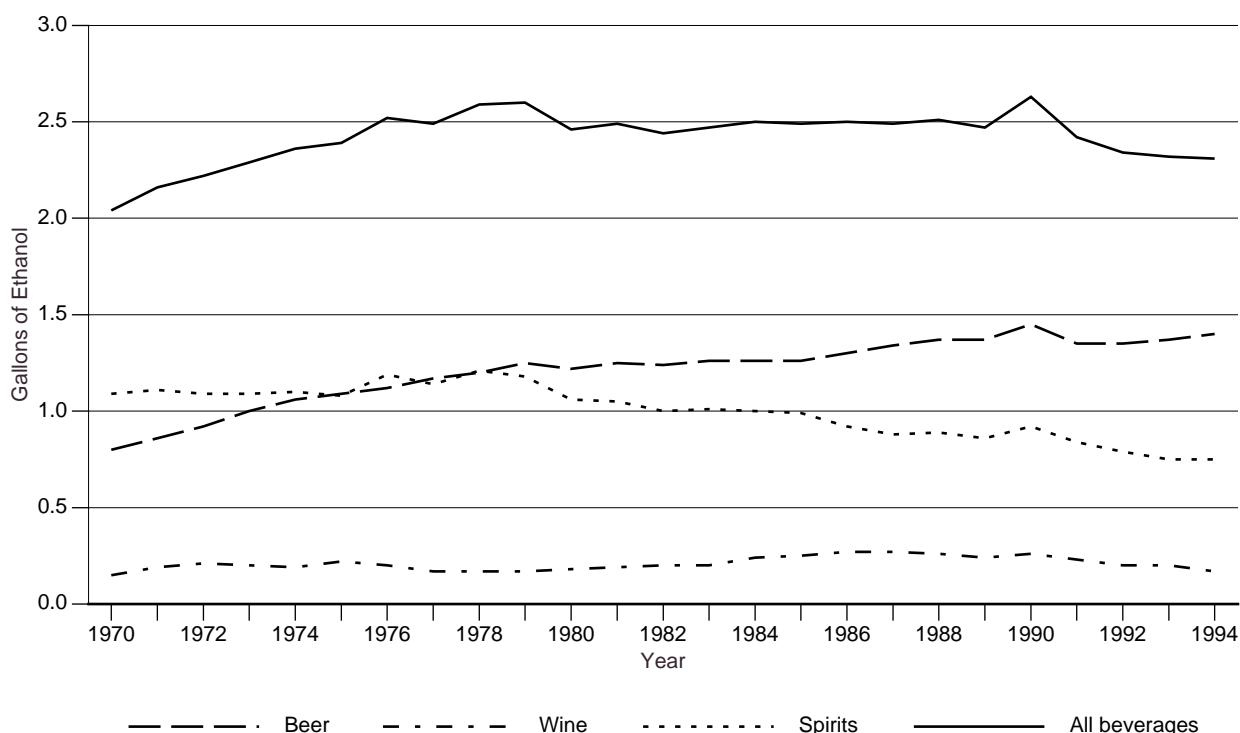


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**South Carolina**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.40	4	0.17	8	0.75	4	2.31	5
1993 .....	1.37	4	0.20	7	0.75	4	2.32	5
1992 .....	1.35	5	0.20	7	0.79	4	2.34	6
1991 .....	1.35	5	0.22	6	0.84	3	2.42	5
1990 .....	1.45	3	0.26	6	0.92	3	2.63	4
1989 .....	1.37	4	0.24	7	0.86	4	2.47	5
1988 .....	1.37	5	0.26	6	0.89	4	2.51	5
1987 .....	1.34	6	0.27	6	0.88	4	2.49	6
1986 .....	1.30	6	0.27	6	0.92	4	2.50	6
1985 .....	1.26	7	0.25	7	0.99	4	2.49	6
1984 .....	1.26	7	0.24	7	1.00	5	2.50	7
1983 .....	1.26	8	0.20	8	1.01	5	2.47	7
1982 .....	1.24	8	0.20	8	1.00	5	2.44	7
1981 .....	1.25	7	0.19	8	1.05	5	2.49	7
1980 .....	1.22	8	0.18	8	1.06	6	2.46	7
1979 .....	1.25	7	0.17	8	1.18	4	2.60	7
1978 .....	1.20	7	0.17	8	1.21	3	2.59	6
1977 .....	1.18	7	0.17	7	1.14	4	2.49	7
1976 .....	1.12	8	0.20	7	1.19	5	2.52	7
1975 .....	1.09	8	0.22	6	1.08	5	2.39	7
1974 .....	1.06	8	0.19	7	1.10	5	2.36	7
1973 .....	1.00	9	0.20	6	1.09	5	2.29	7
1972 .....	0.92	9	0.21	6	1.09	5	2.22	7
1971 .....	0.86	9	0.19	7	1.11	4	2.16	8
1970 .....	0.80	9	0.16	7	1.09	5	2.04	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

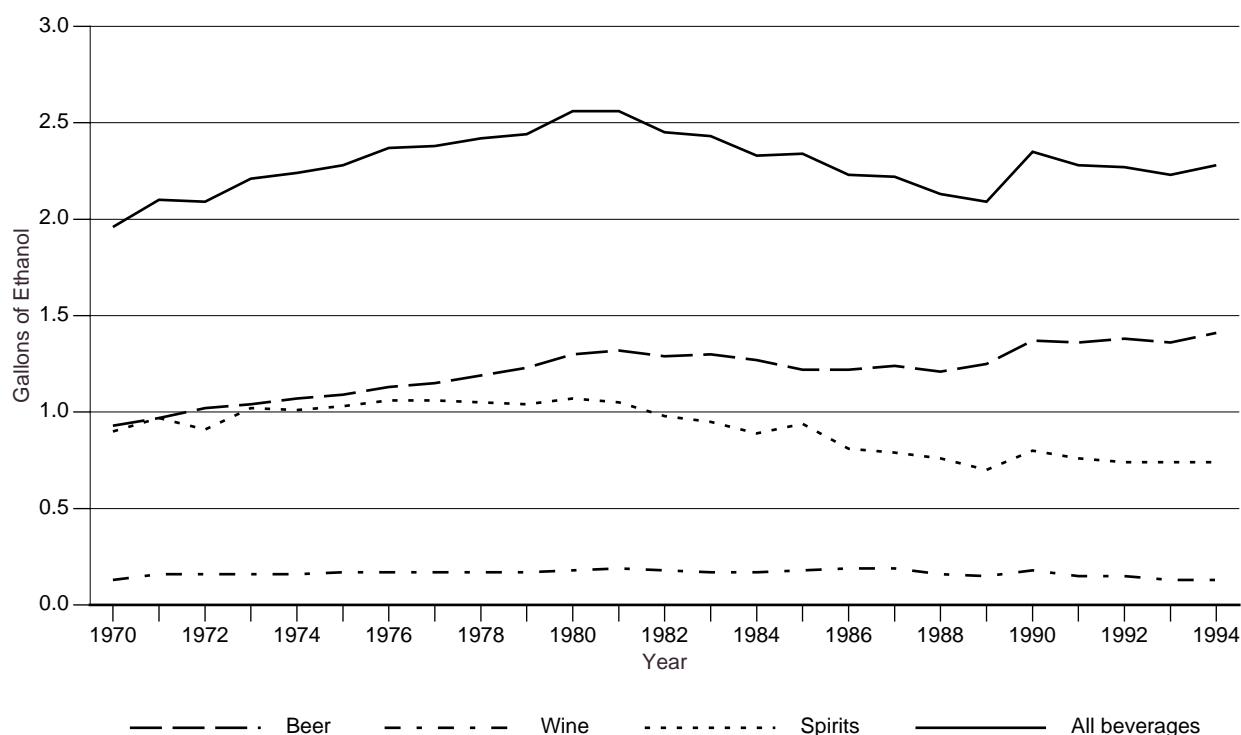


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**South Dakota**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.41	3	0.13	9	0.74	4	2.28	5
1993 .....	1.36	4	0.13	9	0.74	5	2.23	6
1992 .....	1.38	4	0.15	9	0.74	5	2.27	6
1991 .....	1.37	4	0.15	9	0.76	5	2.28	6
1990 .....	1.37	5	0.18	9	0.80	5	2.35	6
1989 .....	1.25	7	0.15	9	0.70	6	2.09	8
1988 .....	1.21	8	0.16	9	0.76	6	2.13	8
1987 .....	1.24	8	0.19	9	0.79	6	2.22	8
1986 .....	1.22	8	0.19	9	0.81	6	2.23	8
1985 .....	1.22	7	0.18	8	0.94	6	2.34	8
1984 .....	1.27	7	0.17	8	0.89	6	2.33	7
1983 .....	1.30	7	0.17	8	0.95	6	2.43	7
1982 .....	1.29	7	0.18	8	0.98	6	2.45	7
1981 .....	1.32	7	0.19	8	1.05	5	2.56	7
1980 .....	1.30	7	0.18	8	1.07	5	2.56	7
1979 .....	1.23	8	0.17	8	1.04	6	2.44	7
1978 .....	1.19	7	0.17	8	1.05	6	2.42	7
1977 .....	1.15	8	0.17	8	1.06	6	2.38	7
1976 .....	1.13	7	0.17	8	1.06	6	2.37	7
1975 .....	1.09	8	0.17	8	1.03	6	2.28	8
1974 .....	1.07	8	0.16	8	1.01	6	2.24	8
1973 .....	1.04	7	0.16	8	1.02	6	2.21	7
1972 .....	1.02	7	0.16	7	0.91	7	2.09	8
1971 .....	0.97	8	0.16	8	0.97	6	2.10	8
1970 .....	0.93	8	0.13	8	0.90	7	1.97	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

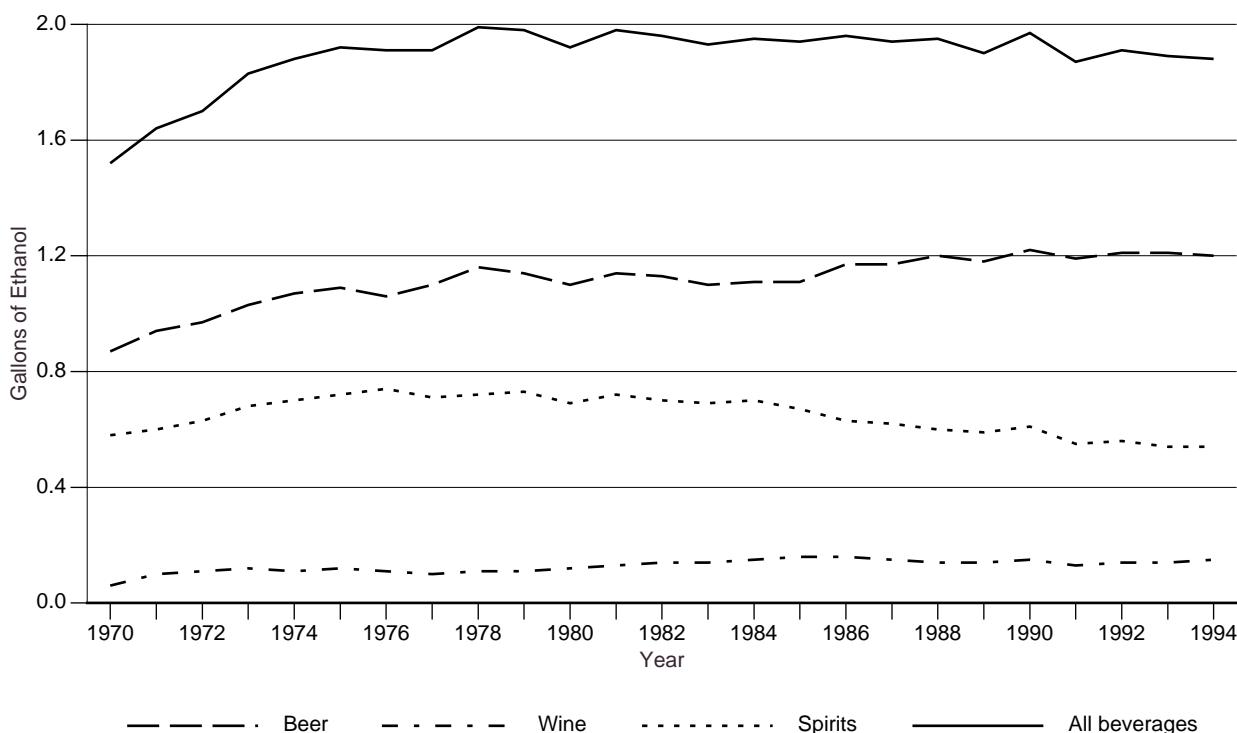


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Tennessee**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.20	7	0.15	9	0.54	8	1.88	9
1993 .....	1.21	7	0.14	9	0.54	9	1.89	9
1992 .....	1.21	7	0.14	9	0.56	9	1.91	9
1991 .....	1.19	7	0.13	9	0.55	9	1.87	9
1990 .....	1.22	8	0.15	9	0.61	8	1.97	9
1989 .....	1.18	8	0.14	9	0.59	8	1.90	9
1988 .....	1.20	8	0.14	9	0.60	8	1.95	9
1987 .....	1.17	8	0.15	9	0.62	8	1.94	9
1986 .....	1.17	8	0.16	9	0.63	9	1.96	9
1985 .....	1.11	9	0.16	9	0.67	9	1.94	9
1984 .....	1.11	9	0.15	9	0.70	8	1.95	9
1983 .....	1.10	10	0.14	9	0.69	9	1.93	10
1982 .....	1.13	9	0.14	9	0.70	9	1.96	10
1981 .....	1.14	9	0.13	10	0.72	9	1.98	10
1980 .....	1.10	9	0.12	10	0.69	10	1.92	9
1979 .....	1.14	9	0.11	9	0.73	10	1.98	9
1978 .....	1.16	8	0.11	10	0.72	10	1.99	9
1977 .....	1.10	9	0.10	10	0.71	10	1.91	10
1976 .....	1.06	8	0.11	10	0.74	10	1.91	9
1975 .....	1.09	8	0.12	10	0.72	10	1.92	10
1974 .....	1.07	8	0.11	10	0.70	10	1.88	9
1973 .....	1.03	8	0.12	9	0.68	10	1.83	9
1972 .....	0.97	8	0.11	10	0.63	10	1.70	10
1971 .....	0.94	8	0.10	9	0.60	10	1.64	10
1970 .....	0.87	8	0.06	10	0.58	10	1.52	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

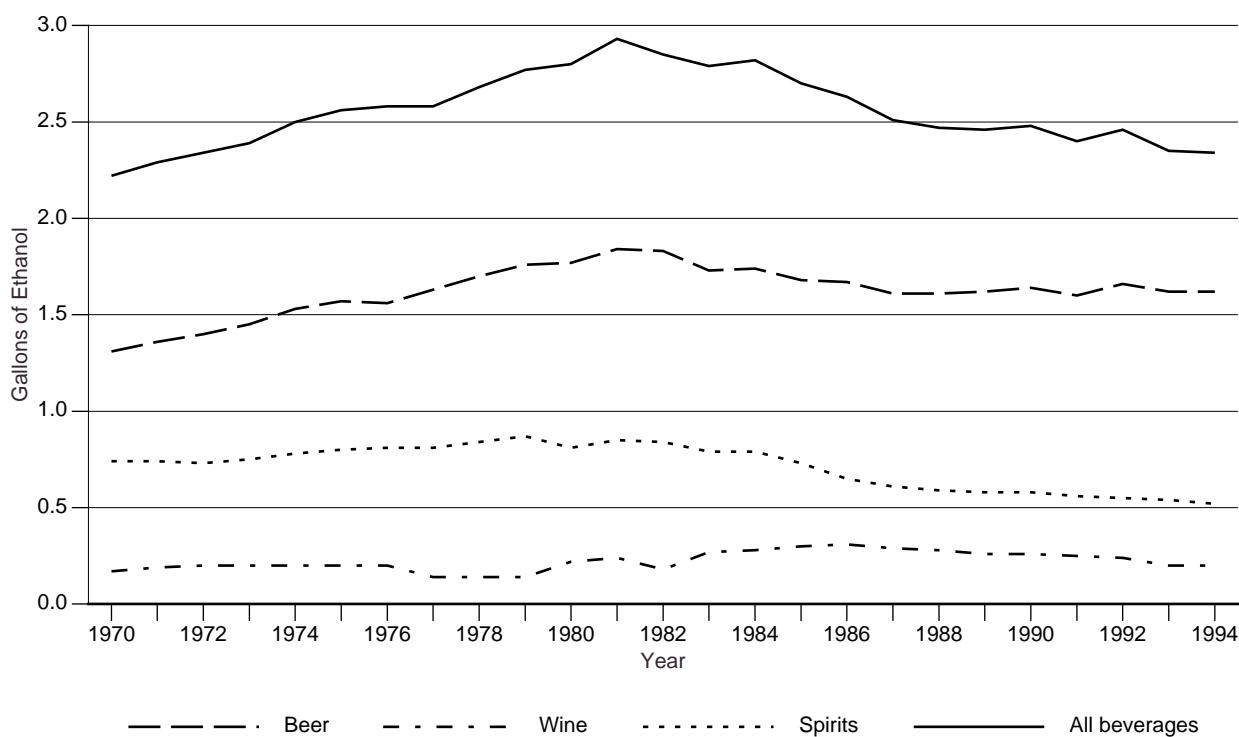


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Texas**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.62	1	0.20	7	0.52	9	2.34	4
1993 .....	1.62	1	0.20	7	0.54	9	2.35	4
1992 .....	1.66	1	0.24	6	0.55	9	2.46	4
1991 .....	1.60	2	0.25	6	0.56	9	2.40	5
1990 .....	1.64	2	0.26	6	0.58	9	2.48	6
1989 .....	1.62	2	0.26	6	0.58	8	2.46	5
1988 .....	1.61	2	0.28	6	0.59	9	2.47	6
1987 .....	1.61	2	0.29	6	0.61	9	2.51	6
1986 .....	1.67	2	0.31	6	0.65	8	2.63	5
1985 .....	1.68	2	0.30	6	0.73	8	2.70	5
1984 .....	1.74	1	0.28	6	0.79	7	2.82	4
1983 .....	1.73	2	0.27	6	0.79	7	2.79	5
1982 .....	1.83	1	0.18	8	0.84	7	2.85	4
1981 .....	1.84	2	0.24	6	0.85	7	2.93	4
1980 .....	1.77	2	0.22	7	0.81	8	2.80	6
1979 .....	1.76	2	0.14	9	0.87	7	2.78	5
1978 .....	1.70	2	0.14	9	0.84	8	2.68	6
1977 .....	1.63	2	0.14	8	0.81	8	2.58	6
1976 .....	1.56	2	0.20	7	0.81	8	2.58	6
1975 .....	1.57	2	0.20	7	0.80	9	2.56	6
1974 .....	1.53	2	0.20	6	0.78	9	2.50	6
1973 .....	1.45	2	0.20	6	0.75	9	2.39	6
1972 .....	1.40	2	0.20	6	0.73	9	2.34	7
1971 .....	1.36	2	0.19	7	0.74	9	2.29	7
1970 .....	1.31	2	0.17	6	0.74	9	2.22	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

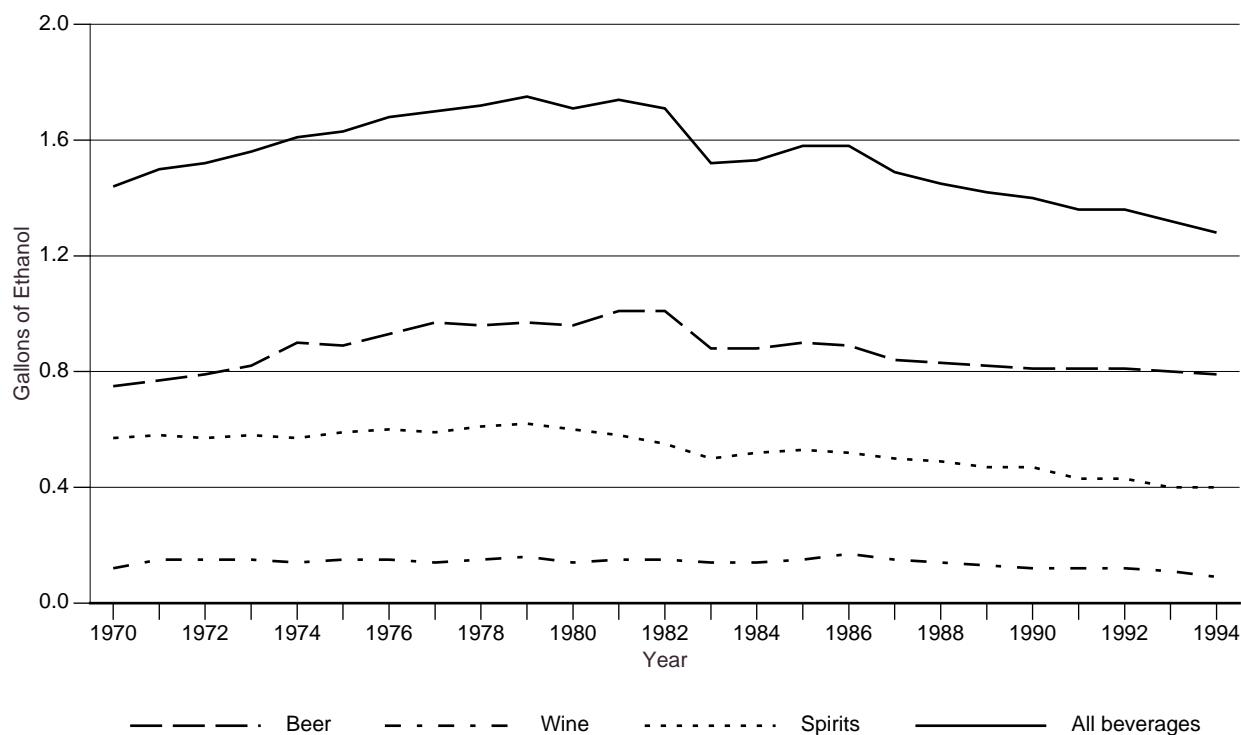


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Utah**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	0.79	10	0.09	10	0.40	10	1.28	10
1993 .....	0.80	10	0.11	10	0.40	10	1.32	10
1992 .....	0.81	10	0.12	10	0.43	10	1.36	10
1991 .....	0.81	10	0.12	10	0.43	10	1.36	10
1990 .....	0.81	10	0.12	10	0.47	10	1.40	10
1989 .....	0.82	10	0.13	9	0.47	10	1.42	10
1988 .....	0.83	10	0.14	9	0.49	10	1.45	10
1987 .....	0.84	10	0.15	9	0.50	10	1.49	10
1986 .....	0.89	10	0.17	9	0.52	10	1.58	10
1985 .....	0.90	10	0.15	9	0.53	10	1.58	10
1984 .....	0.88	10	0.14	9	0.52	10	1.53	10
1983 .....	0.88	10	0.14	9	0.50	10	1.52	10
1982 .....	1.01	10	0.15	9	0.55	10	1.71	10
1981 .....	1.01	10	0.14	9	0.58	10	1.74	10
1980 .....	0.96	10	0.14	9	0.60	10	1.71	10
1979 .....	0.97	10	0.16	8	0.62	10	1.75	10
1978 .....	0.96	10	0.15	8	0.61	10	1.72	10
1977 .....	0.97	10	0.14	8	0.59	10	1.70	10
1976 .....	0.93	10	0.15	9	0.60	10	1.68	10
1975 .....	0.89	10	0.15	9	0.59	10	1.63	10
1974 .....	0.90	10	0.14	8	0.57	10	1.61	10
1973 .....	0.82	10	0.15	8	0.58	10	1.56	10
1972 .....	0.79	10	0.15	8	0.57	10	1.52	10
1971 .....	0.77	10	0.15	8	0.58	10	1.50	10
1970 .....	0.75	10	0.12	8	0.57	10	1.44	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

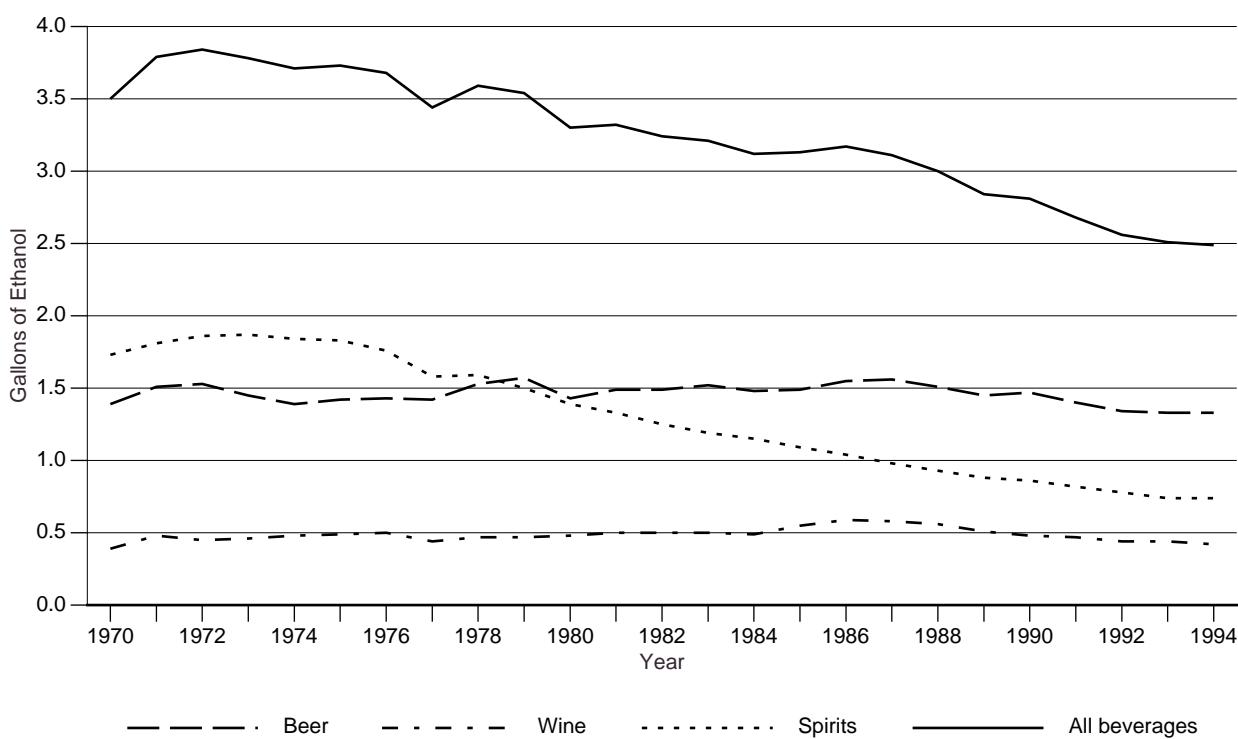


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Vermont**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.33	5	0.42	2	0.74	4	2.49	3
1993 .....	1.33	5	0.44	2	0.74	4	2.51	3
1992 .....	1.34	5	0.44	2	0.78	4	2.56	3
1991 .....	1.40	3	0.46	1	0.82	4	2.68	2
1990 .....	1.47	3	0.48	2	0.86	4	2.81	2
1989 .....	1.45	3	0.51	1	0.88	3	2.84	2
1988 .....	1.51	2	0.56	1	0.93	3	3.00	2
1987 .....	1.55	2	0.58	1	0.98	3	3.11	1
1986 .....	1.55	2	0.59	1	1.04	2	3.17	1
1985 .....	1.49	3	0.55	2	1.09	3	3.13	2
1984 .....	1.48	3	0.49	3	1.15	2	3.12	2
1983 .....	1.52	3	0.50	2	1.19	2	3.21	2
1982 .....	1.49	4	0.50	2	1.25	2	3.24	2
1981 .....	1.49	4	0.50	2	1.33	2	3.32	2
1980 .....	1.43	5	0.48	2	1.39	2	3.30	2
1979 .....	1.57	3	0.47	2	1.50	2	3.54	1
1978 .....	1.53	2	0.47	2	1.59	1	3.59	1
1977 .....	1.42	3	0.44	2	1.58	1	3.44	1
1976 .....	1.43	3	0.50	2	1.76	1	3.68	1
1975 .....	1.42	3	0.49	2	1.83	1	3.73	1
1974 .....	1.39	3	0.48	1	1.84	1	3.71	1
1973 .....	1.45	2	0.46	1	1.87	1	3.78	1
1972 .....	1.53	1	0.45	1	1.86	1	3.84	1
1971 .....	1.51	1	0.48	1	1.81	1	3.79	1
1970 .....	1.38	2	0.39	2	1.73	2	3.50	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

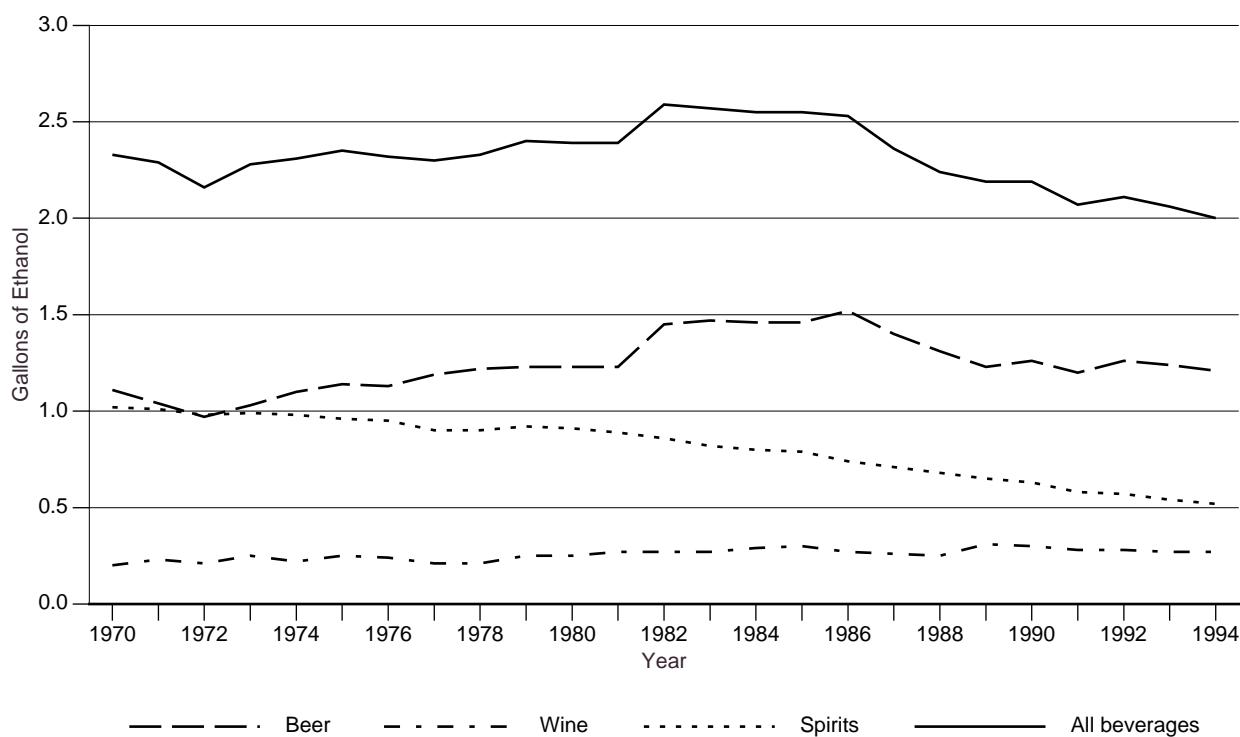


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Virginia**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.21	7	0.27	5	0.52	9	2.00	8
1993 .....	1.24	7	0.27	5	0.54	9	2.06	8
1992 .....	1.26	7	0.28	5	0.57	8	2.11	7
1991 .....	1.20	7	0.28	5	0.58	8	2.07	8
1990 .....	1.26	7	0.30	5	0.63	8	2.19	8
1989 .....	1.23	7	0.31	5	0.65	7	2.19	7
1988 .....	1.31	6	0.25	7	0.68	7	2.24	7
1987 .....	1.40	4	0.26	7	0.71	7	2.36	7
1986 .....	1.52	3	0.27	7	0.74	7	2.53	6
1985 .....	1.46	4	0.30	6	0.79	6	2.55	6
1984 .....	1.46	4	0.29	6	0.80	7	2.55	6
1983 .....	1.47	4	0.27	6	0.82	7	2.57	6
1982 .....	1.45	4	0.27	6	0.86	7	2.59	6
1981 .....	1.23	8	0.27	6	0.89	7	2.39	7
1980 .....	1.23	8	0.25	6	0.90	7	2.39	7
1979 .....	1.23	7	0.25	6	0.92	7	2.40	8
1978 .....	1.22	7	0.21	6	0.90	7	2.33	8
1977 .....	1.19	7	0.21	6	0.90	7	2.30	7
1976 .....	1.13	8	0.24	6	0.95	7	2.32	8
1975 .....	1.14	7	0.25	5	0.96	7	2.35	7
1974 .....	1.10	7	0.22	6	0.98	6	2.31	7
1973 .....	1.03	8	0.25	5	0.99	6	2.28	7
1972 .....	0.97	8	0.21	6	0.98	6	2.16	8
1971 .....	1.04	7	0.23	6	1.01	6	2.29	7
1970 .....	1.11	7	0.20	5	1.02	6	2.33	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

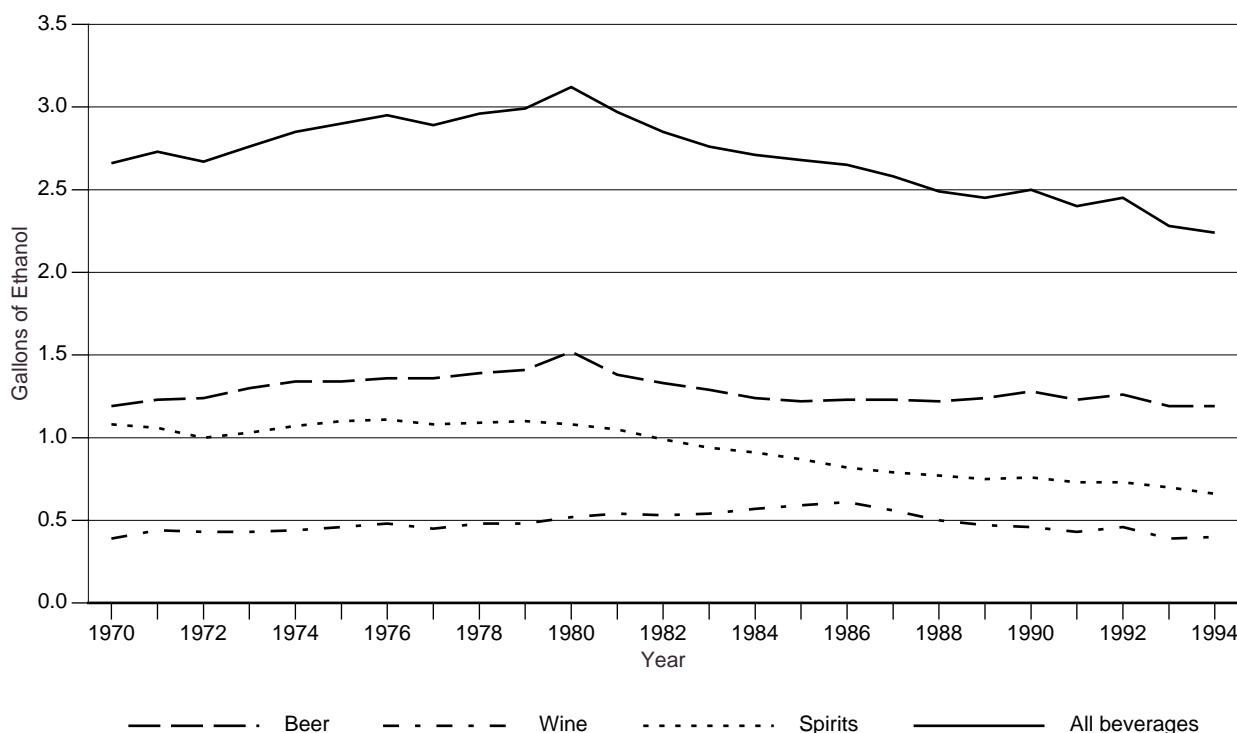


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Washington**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.19	7	0.40	2	0.66	6	2.24	5
1993 .....	1.19	7	0.39	2	0.70	6	2.28	6
1992 .....	1.26	7	0.46	1	0.73	6	2.45	4
1991 .....	1.23	7	0.43	2	0.73	6	2.40	5
1990 .....	1.28	7	0.46	2	0.76	6	2.50	5
1989 .....	1.24	7	0.47	2	0.75	6	2.45	5
1988 .....	1.22	8	0.50	2	0.77	6	2.49	5
1987 .....	1.23	8	0.56	1	0.79	6	2.58	5
1986 .....	1.23	8	0.61	1	0.82	6	2.65	5
1985 .....	1.22	8	0.59	1	0.87	6	2.68	5
1984 .....	1.24	8	0.57	2	0.91	6	2.71	5
1983 .....	1.29	7	0.54	2	0.94	6	2.76	5
1982 .....	1.33	7	0.53	2	0.99	6	2.85	4
1981 .....	1.38	6	0.54	2	1.05	5	2.97	4
1980 .....	1.52	3	0.52	2	1.08	5	3.12	3
1979 .....	1.41	5	0.48	2	1.10	5	2.99	4
1978 .....	1.39	4	0.48	2	1.09	5	2.96	4
1977 .....	1.36	4	0.45	2	1.08	5	2.89	4
1976 .....	1.36	4	0.48	2	1.11	6	2.95	4
1975 .....	1.34	5	0.46	2	1.10	5	2.90	4
1974 .....	1.34	4	0.44	2	1.07	6	2.85	4
1973 .....	1.30	4	0.43	2	1.03	6	2.76	5
1972 .....	1.24	5	0.43	2	1.00	6	2.67	5
1971 .....	1.23	4	0.44	2	1.06	5	2.73	4
1970 .....	1.19	5	0.39	2	1.08	5	2.66	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

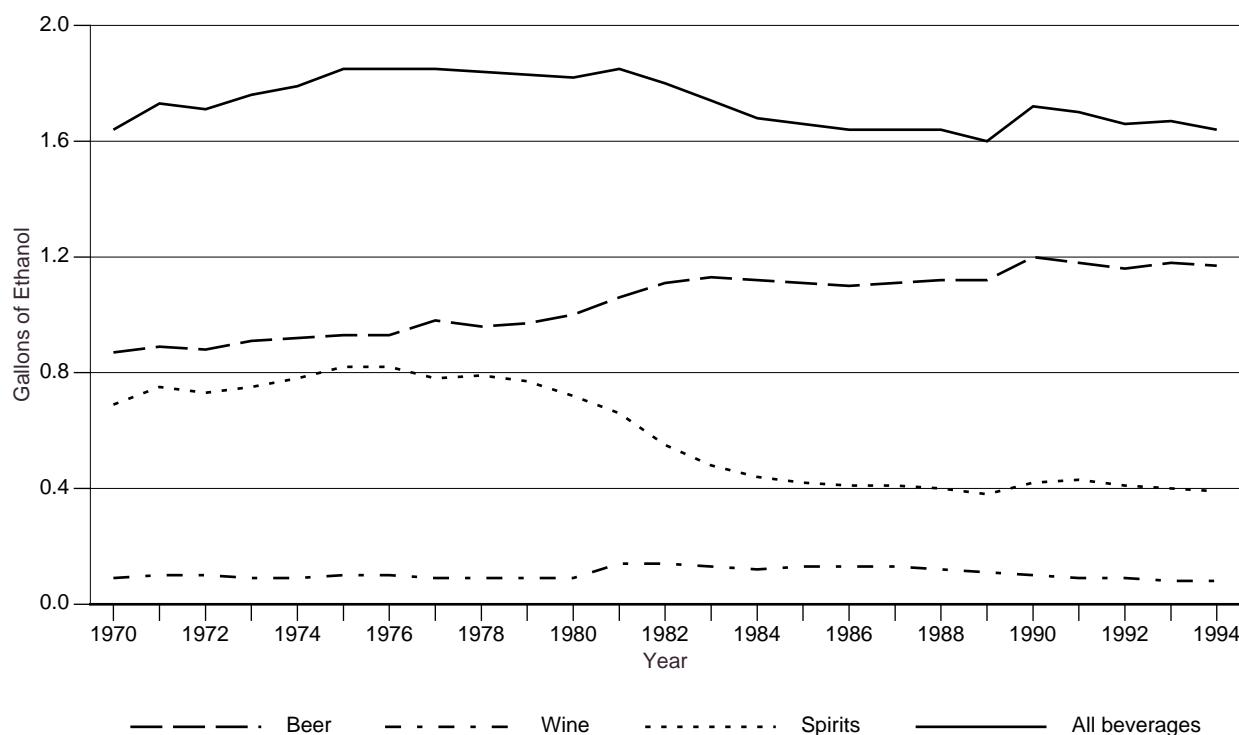


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**West Virginia**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.17	8	0.08	10	0.39	10	1.64	10
1993 .....	1.18	7	0.08	10	0.40	10	1.67	10
1992 .....	1.16	8	0.09	10	0.41	10	1.66	10
1991 .....	1.18	8	0.09	10	0.43	10	1.70	10
1990 .....	1.20	8	0.10	10	0.42	10	1.72	10
1989 .....	1.12	9	0.11	10	0.38	10	1.60	10
1988 .....	1.12	9	0.12	10	0.40	10	1.64	10
1987 .....	1.11	9	0.13	10	0.41	10	1.64	10
1986 .....	1.10	9	0.13	10	0.41	10	1.64	10
1985 .....	1.11	9	0.13	10	0.42	10	1.66	10
1984 .....	1.12	9	0.12	10	0.44	10	1.68	10
1983 .....	1.13	9	0.13	10	0.48	10	1.74	10
1982 .....	1.11	9	0.14	9	0.55	10	1.80	10
1981 .....	1.06	10	0.14	9	0.66	10	1.85	10
1980 .....	1.00	10	0.09	10	0.72	9	1.82	10
1979 .....	0.97	10	0.09	10	0.77	9	1.83	10
1978 .....	0.96	10	0.09	10	0.79	9	1.84	10
1977 .....	0.98	10	0.09	10	0.78	8	1.85	10
1976 .....	0.94	10	0.10	10	0.82	8	1.85	10
1975 .....	0.93	10	0.10	10	0.82	8	1.85	10
1974 .....	0.92	10	0.09	10	0.78	9	1.79	10
1973 .....	0.91	9	0.09	10	0.75	9	1.76	10
1972 .....	0.88	9	0.10	10	0.73	9	1.71	10
1971 .....	0.89	9	0.10	10	0.75	9	1.73	9
1970 .....	0.87	9	0.09	10	0.69	9	1.64	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

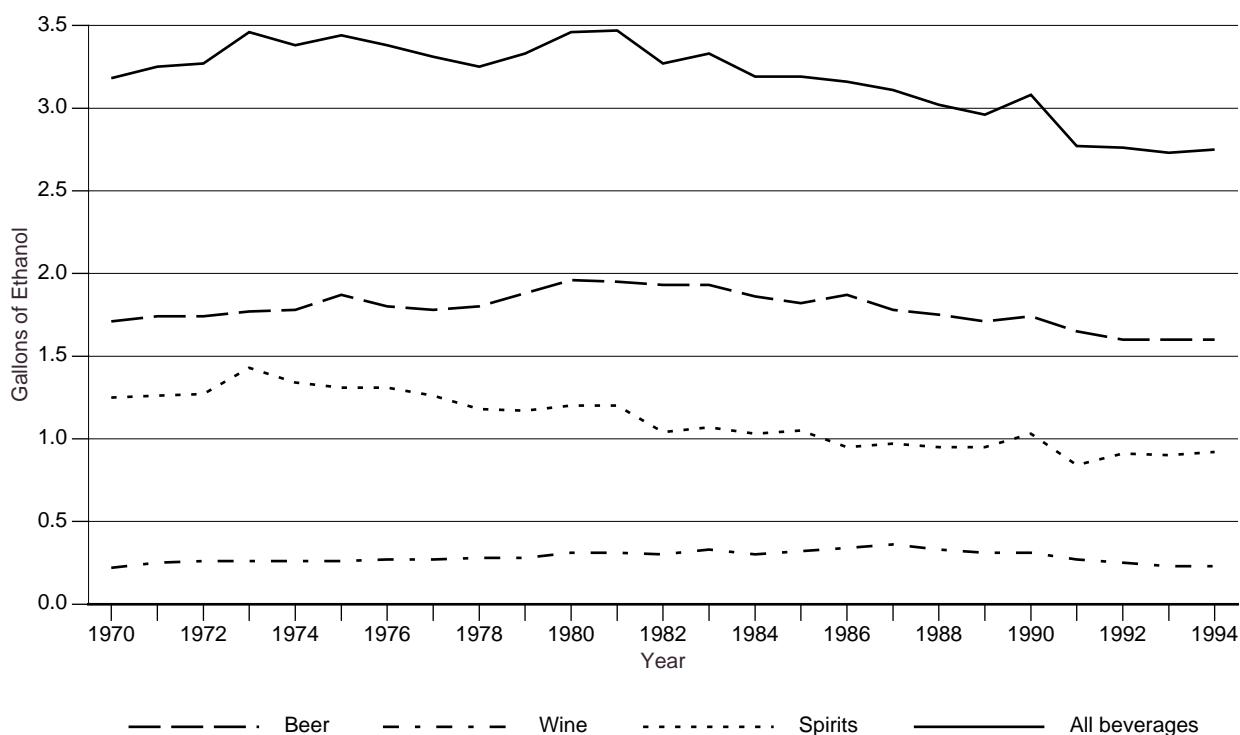


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Wisconsin**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.60	1	0.23	6	0.92	2	2.75	2
1993 .....	1.60	1	0.23	6	0.90	2	2.73	1
1992 .....	1.60	2	0.25	6	0.91	2	2.76	2
1991 .....	1.66	1	0.27	5	0.84	3	2.77	1
1990 .....	1.74	1	0.31	5	1.03	2	3.08	1
1989 .....	1.71	1	0.31	5	0.95	3	2.96	1
1988 .....	1.75	1	0.33	5	0.95	3	3.02	2
1987 .....	1.78	1	0.35	5	0.97	3	3.11	2
1986 .....	1.87	1	0.34	5	0.95	3	3.16	2
1985 .....	1.82	1	0.32	6	1.05	3	3.19	1
1984 .....	1.86	1	0.30	5	1.03	4	3.19	2
1983 .....	1.93	1	0.33	5	1.07	4	3.33	2
1982 .....	1.93	1	0.30	6	1.04	4	3.27	2
1981 .....	1.95	1	0.31	5	1.20	3	3.47	1
1980 .....	1.96	1	0.31	5	1.20	4	3.46	1
1979 .....	1.88	1	0.28	5	1.17	4	3.33	3
1978 .....	1.80	1	0.28	5	1.18	4	3.25	2
1977 .....	1.78	1	0.27	5	1.26	3	3.31	2
1976 .....	1.80	1	0.27	5	1.31	3	3.38	2
1975 .....	1.87	1	0.26	5	1.31	3	3.44	2
1974 .....	1.78	1	0.26	5	1.34	3	3.38	2
1973 .....	1.77	1	0.26	5	1.43	2	3.46	2
1972 .....	1.74	1	0.26	5	1.27	3	3.27	2
1971 .....	1.74	1	0.25	5	1.26	4	3.25	2
1970 .....	1.71	1	0.22	5	1.25	4	3.18	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.

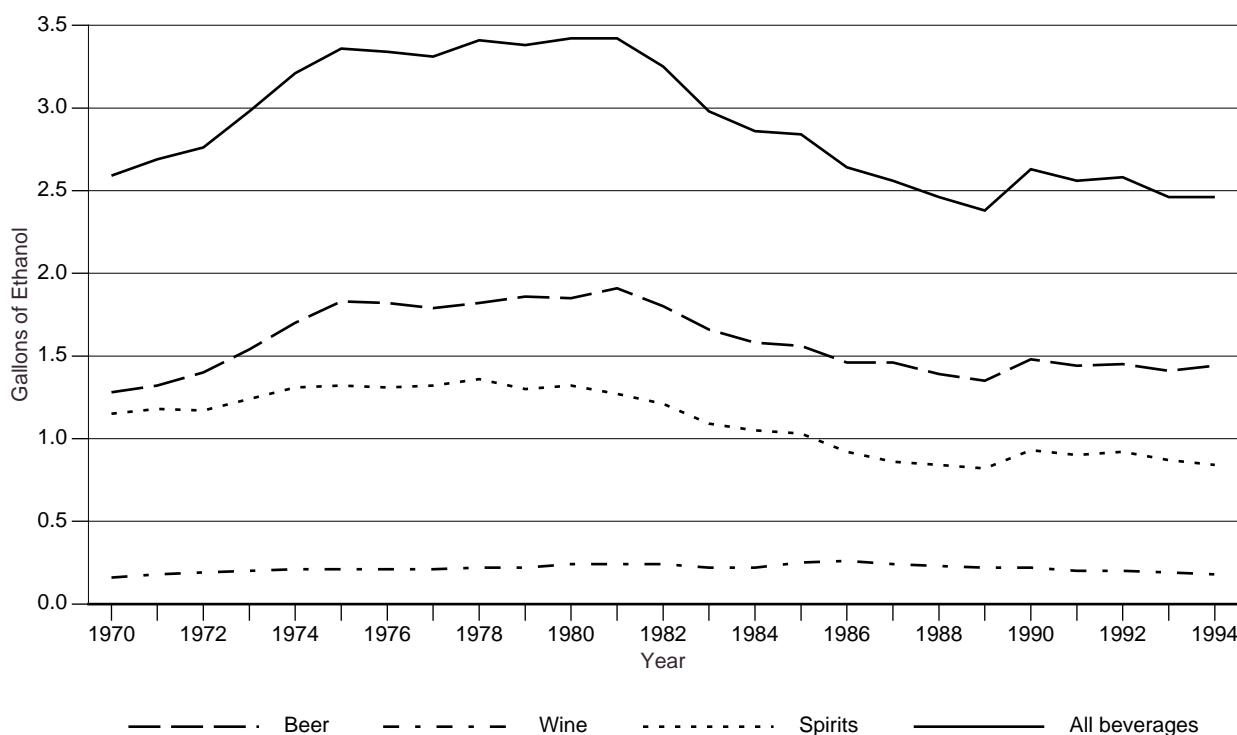


**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Wyoming**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.44	3	0.18	7	0.84	2	2.46	3
1993 .....	1.41	3	0.19	7	0.87	2	2.46	3
1992 .....	1.45	3	0.20	7	0.92	2	2.58	3
1991 .....	1.46	3	0.20	7	0.90	2	2.56	3
1990 .....	1.48	3	0.22	7	0.93	3	2.63	4
1989 .....	1.35	5	0.22	7	0.82	5	2.38	6
1988 .....	1.39	4	0.23	7	0.84	5	2.46	6
1987 .....	1.46	3	0.24	7	0.86	5	2.56	5
1986 .....	1.46	3	0.26	7	0.92	4	2.64	5
1985 .....	1.56	2	0.25	7	1.03	3	2.84	3
1984 .....	1.58	2	0.22	7	1.05	4	2.86	4
1983 .....	1.66	2	0.22	7	1.09	4	2.98	4
1982 .....	1.80	2	0.24	6	1.21	2	3.25	2
1981 .....	1.91	1	0.24	6	1.27	2	3.42	2
1980 .....	1.85	1	0.24	6	1.32	2	3.42	2
1979 .....	1.86	1	0.22	6	1.30	2	3.38	2
1978 .....	1.82	1	0.22	6	1.36	2	3.41	2
1977 .....	1.79	1	0.21	6	1.32	2	3.31	1
1976 .....	1.82	1	0.21	6	1.31	3	3.34	2
1975 .....	1.83	1	0.21	6	1.32	3	3.36	2
1974 .....	1.70	1	0.21	6	1.31	4	3.21	2
1973 .....	1.54	2	0.20	7	1.24	4	2.98	3
1972 .....	1.40	2	0.19	7	1.17	4	2.76	4
1971 .....	1.32	3	0.18	7	1.18	4	2.69	5
1970 .....	1.28	3	0.16	7	1.15	4	2.59	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.



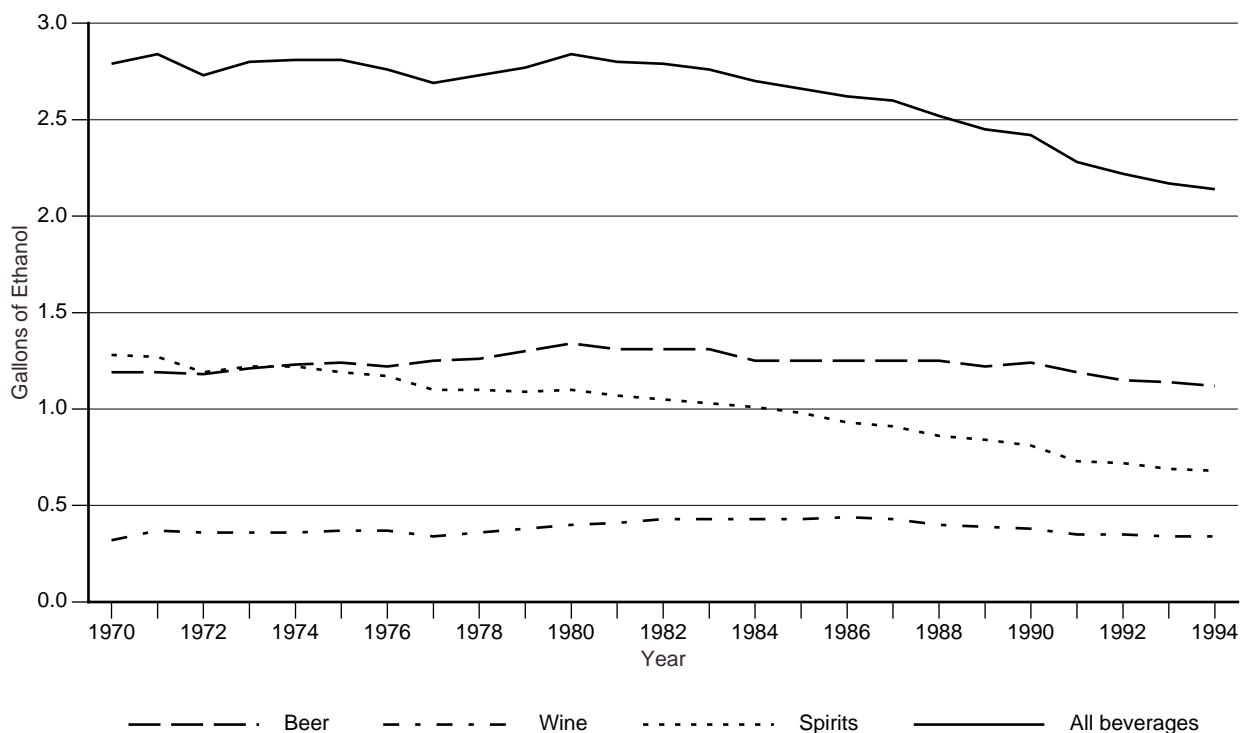
**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Northeast region**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.12	*	0.34	*	0.68	*	2.14	*
1993 .....	1.14	*	0.34	*	0.69	*	2.17	*
1992 .....	1.15	*	0.35	*	0.72	*	2.22	*
1991 .....	1.19	*	0.34	*	0.73	*	2.27	*
1990 .....	1.24	*	0.38	*	0.81	*	2.42	*
1989 .....	1.22	*	0.39	*	0.84	*	2.44	*
1988 .....	1.25	*	0.40	*	0.86	*	2.52	*
1987 .....	1.25	*	0.43	*	0.91	*	2.60	*
1986 .....	1.25	*	0.44	*	0.93	*	2.62	*
1985 .....	1.25	*	0.43	*	0.98	*	2.66	*
1984 .....	1.25	*	0.43	*	1.01	*	2.70	*
1983 .....	1.31	*	0.43	*	1.03	*	2.76	*
1982 .....	1.31	*	0.43	*	1.05	*	2.79	*
1981 .....	1.31	*	0.41	*	1.07	*	2.80	*
1980 .....	1.34	*	0.40	*	1.10	*	2.84	*
1979 .....	1.30	*	0.38	*	1.09	*	2.77	*
1978 .....	1.26	*	0.36	*	1.10	*	2.73	*
1977 .....	1.25	*	0.34	*	1.10	*	2.69	*
1976 .....	1.22	*	0.37	*	1.17	*	2.76	*
1975 .....	1.24	*	0.37	*	1.19	*	2.81	*
1974 .....	1.23	*	0.36	*	1.22	*	2.81	*
1973 .....	1.21	*	0.36	*	1.22	*	2.80	*
1972 .....	1.18	*	0.36	*	1.19	*	2.73	*
1971 .....	1.19	*	0.37	*	1.27	*	2.84	*
1970 .....	1.19	*	0.32	*	1.28	*	2.79	*

\* Decile values apply only to State-level data.

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.



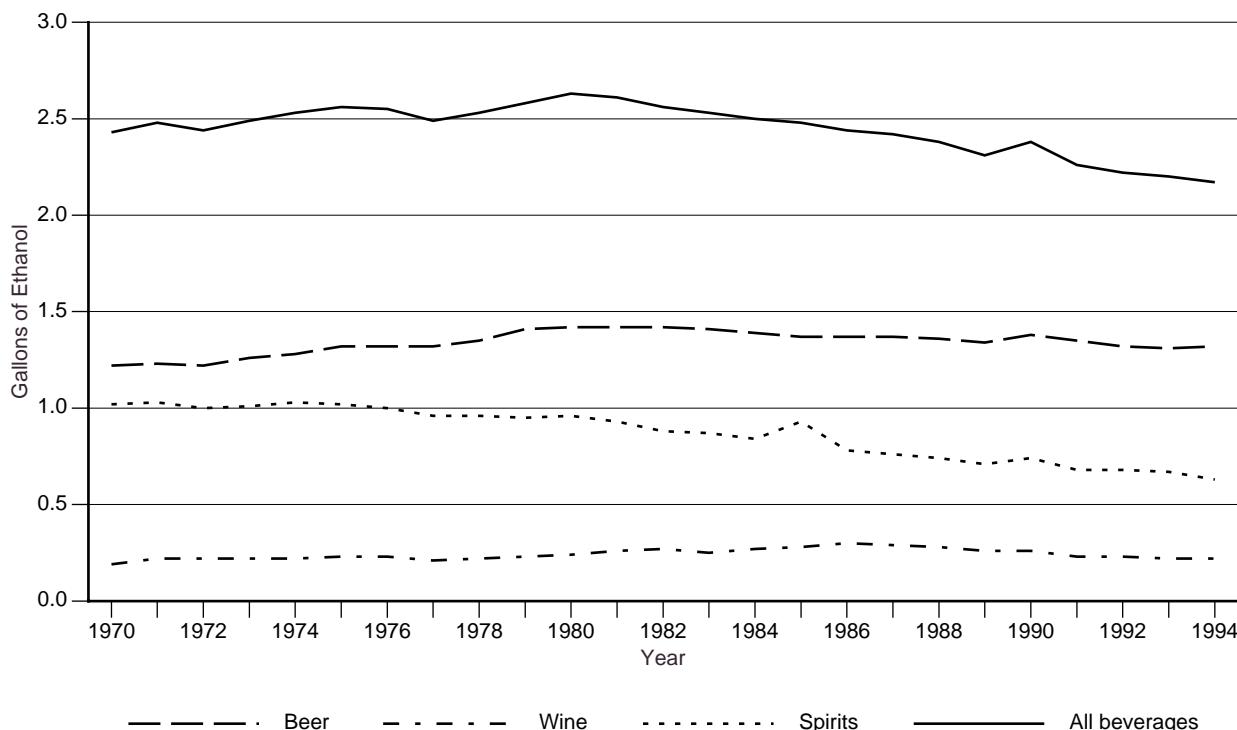
**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**Midwest region**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.32	*	0.22	*	0.63	*	2.17	*
1993 .....	1.31	*	0.22	*	0.67	*	2.20	*
1992 .....	1.32	*	0.23	*	0.68	*	2.22	*
1991 .....	1.35	*	0.23	*	0.68	*	2.26	*
1990 .....	1.38	*	0.26	*	0.74	*	2.38	*
1989 .....	1.34	*	0.26	*	0.71	*	2.31	*
1988 .....	1.36	*	0.28	*	0.74	*	2.38	*
1987 .....	1.37	*	0.29	*	0.76	*	2.42	*
1986 .....	1.37	*	0.30	*	0.78	*	2.44	*
1985 .....	1.37	*	0.28	*	0.83	*	2.48	*
1984 .....	1.39	*	0.27	*	0.84	*	2.50	*
1983 .....	1.41	*	0.25	*	0.87	*	2.53	*
1982 .....	1.42	*	0.27	*	0.88	*	2.56	*
1981 .....	1.42	*	0.26	*	0.93	*	2.61	*
1980 .....	1.42	*	0.24	*	0.96	*	2.63	*
1979 .....	1.41	*	0.23	*	0.95	*	2.58	*
1978 .....	1.35	*	0.22	*	0.96	*	2.53	*
1977 .....	1.32	*	0.21	*	0.96	*	2.49	*
1976 .....	1.32	*	0.23	*	1.00	*	2.55	*
1975 .....	1.32	*	0.23	*	1.02	*	2.56	*
1974 .....	1.28	*	0.22	*	1.03	*	2.53	*
1973 .....	1.26	*	0.22	*	1.01	*	2.49	*
1972 .....	1.22	*	0.22	*	1.00	*	2.44	*
1971 .....	1.23	*	0.22	*	1.03	*	2.48	*
1970 .....	1.22	*	0.19	*	1.02	*	2.43	*

\* Decile values apply only to State-level data.

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.



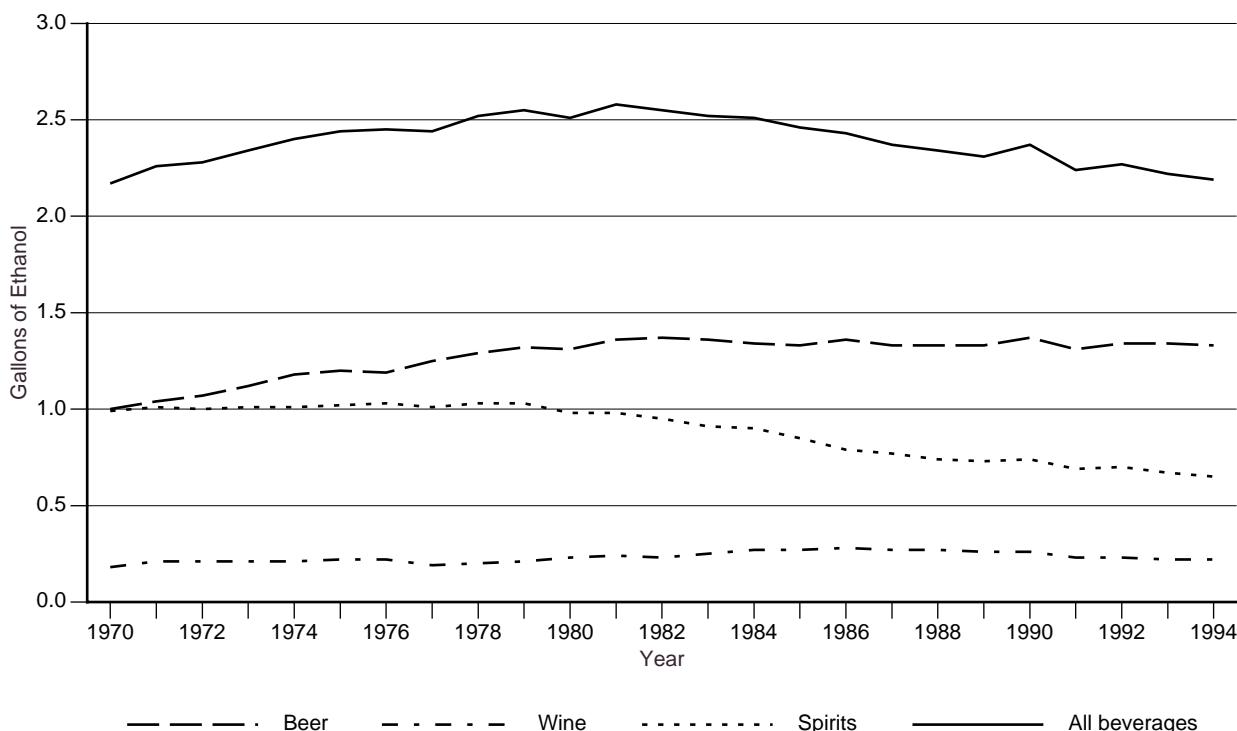
**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**South region**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.33	*	0.22	*	0.65	*	2.19	*
1993 .....	1.34	*	0.22	*	0.67	*	2.22	*
1992 .....	1.34	*	0.23	*	0.70	*	2.27	*
1991 .....	1.31	*	0.23	*	0.69	*	2.24	*
1990 .....	1.37	*	0.26	*	0.74	*	2.37	*
1989 .....	1.33	*	0.26	*	0.73	*	2.31	*
1988 .....	1.33	*	0.27	*	0.74	*	2.34	*
1987 .....	1.33	*	0.27	*	0.77	*	2.37	*
1986 .....	1.35	*	0.28	*	0.79	*	2.42	*
1985 .....	1.33	*	0.27	*	0.85	*	2.46	*
1984 .....	1.34	*	0.27	*	0.90	*	2.51	*
1983 .....	1.36	*	0.25	*	0.91	*	2.52	*
1982 .....	1.37	*	0.23	*	0.95	*	2.55	*
1981 .....	1.36	*	0.24	*	0.98	*	2.58	*
1980 .....	1.31	*	0.23	*	0.98	*	2.51	*
1979 .....	1.32	*	0.21	*	1.03	*	2.55	*
1978 .....	1.29	*	0.20	*	1.03	*	2.52	*
1977 .....	1.25	*	0.19	*	1.01	*	2.44	*
1976 .....	1.19	*	0.22	*	1.03	*	2.45	*
1975 .....	1.20	*	0.22	*	1.02	*	2.44	*
1974 .....	1.18	*	0.21	*	1.01	*	2.40	*
1973 .....	1.12	*	0.21	*	1.01	*	2.34	*
1972 .....	1.07	*	0.21	*	1.00	*	2.28	*
1971 .....	1.04	*	0.21	*	1.01	*	2.26	*
1970 .....	1.00	*	0.18	*	0.99	*	2.17	*

\* Decile values apply only to State-level data.

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.



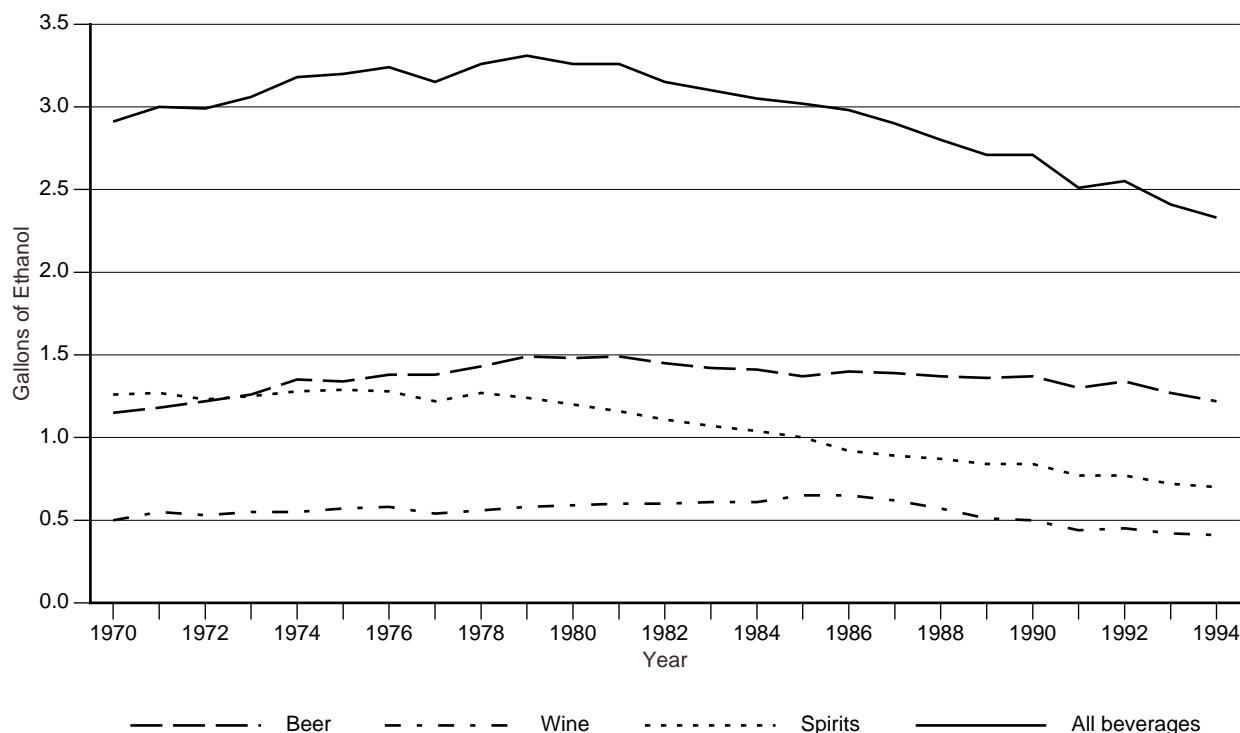
**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**West region**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.22	*	0.41	*	0.70	*	2.33	*
1993 .....	1.27	*	0.42	*	0.72	*	2.41	*
1992 .....	1.34	*	0.45	*	0.77	*	2.55	*
1991 .....	1.30	*	0.44	*	0.77	*	2.51	*
1990 .....	1.37	*	0.50	*	0.84	*	2.71	*
1989 .....	1.36	*	0.51	*	0.84	*	2.71	*
1988 .....	1.37	*	0.57	*	0.87	*	2.80	*
1987 .....	1.39	*	0.62	*	0.89	*	2.90	*
1986 .....	1.40	*	0.65	*	0.92	*	2.98	*
1985 .....	1.37	*	0.65	*	1.00	*	3.02	*
1984 .....	1.41	*	0.61	*	1.04	*	3.05	*
1983 .....	1.42	*	0.61	*	1.07	*	3.11	*
1982 .....	1.45	*	0.60	*	1.11	*	3.15	*
1981 .....	1.49	*	0.60	*	1.16	*	3.26	*
1980 .....	1.48	*	0.59	*	1.20	*	3.26	*
1979 .....	1.49	*	0.58	*	1.24	*	3.31	*
1978 .....	1.43	*	0.56	*	1.27	*	3.26	*
1977 .....	1.38	*	0.54	*	1.22	*	3.15	*
1976 .....	1.38	*	0.58	*	1.28	*	3.24	*
1975 .....	1.34	*	0.57	*	1.29	*	3.20	*
1974 .....	1.35	*	0.55	*	1.28	*	3.18	*
1973 .....	1.26	*	0.55	*	1.25	*	3.06	*
1972 .....	1.22	*	0.53	*	1.23	*	2.99	*
1971 .....	1.18	*	0.55	*	1.27	*	3.00	*
1970 .....	1.15	*	0.50	*	1.26	*	2.91	*

\* Decile values apply only to State-level data.

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.



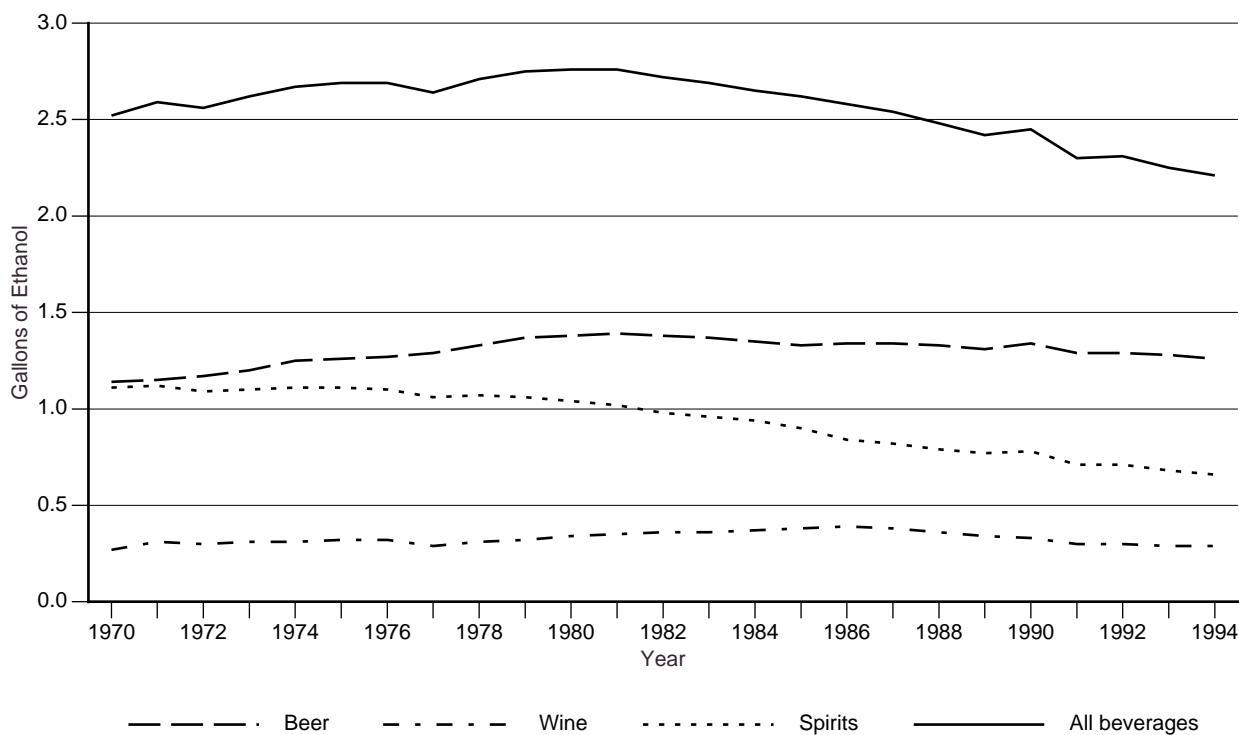
**Table 4.** Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970±94. (Continued)

**United States**

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
1994 .....	1.26	*	0.29	*	0.66	*	2.21	*
1993 .....	1.28	*	0.29	*	0.68	*	2.25	*
1992 .....	1.30	*	0.30	*	0.71	*	2.31	*
1991 .....	1.29	*	0.30	*	0.71	*	2.30	*
1990 .....	1.34	*	0.33	*	0.78	*	2.45	*
1989 .....	1.31	*	0.34	*	0.77	*	2.42	*
1988 .....	1.33	*	0.36	*	0.79	*	2.48	*
1987 .....	1.34	*	0.38	*	0.82	*	2.54	*
1986 .....	1.34	*	0.39	*	0.84	*	2.58	*
1985 .....	1.33	*	0.38	*	0.90	*	2.62	*
1984 .....	1.35	*	0.37	*	0.94	*	2.65	*
1983 .....	1.37	*	0.36	*	0.96	*	2.69	*
1982 .....	1.38	*	0.36	*	0.98	*	2.72	*
1981 .....	1.39	*	0.35	*	1.02	*	2.76	*
1980 .....	1.38	*	0.34	*	1.04	*	2.76	*
1979 .....	1.37	*	0.32	*	1.06	*	2.75	*
1978 .....	1.32	*	0.31	*	1.07	*	2.71	*
1977 .....	1.29	*	0.29	*	1.06	*	2.64	*
1976 .....	1.27	*	0.32	*	1.10	*	2.69	*
1975 .....	1.26	*	0.32	*	1.11	*	2.69	*
1974 .....	1.25	*	0.31	*	1.11	*	2.67	*
1973 .....	1.20	*	0.31	*	1.10	*	2.62	*
1972 .....	1.17	*	0.30	*	1.09	*	2.56	*
1971 .....	1.15	*	0.31	*	1.12	*	2.59	*
1970 .....	1.14	*	0.27	*	1.11	*	2.52	*

\* Decile values apply only to State-level data.

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older.





## APPENDIX A

### TABLES FOR FURTHER RESEARCH

The following tables are provided so the reader may perform additional analyses of State or national beverage consumption. Areas covered by these tables are described below.

Table A-1

The population estimates for ages 14 years and over are presented for each of the States and the District of Columbia for the years 1970 through 1994. For many years, it has been the practice of the National Institute on Alcohol Abuse and Alcoholism (NIAAA) to regard age 14 as the minimum age in the population for which to calculate per capita consumption estimates of alcoholic beverages.

Table A-2

In this table population estimates for ages 21 years and over are presented for each of the States and the District of Columbia for the years 1970 through 1994. This age group reflects the current minimum legal drinking age in all States and the District of Columbia. Also, this age group traditionally has been the reference group for per capita alcohol consumption estimates presented in beverage industry publications.

**Table A-1.** Population age 14 years and older for States, census regions, and United States, 1970–94.

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama .....	2,499	2,549	2,592	2,635	2,685	2,737	2,793	2,837	2,884
Alaska .....	205	215	223	231	242	269	290	295	299
Arizona .....	1,272	1,361	1,444	1,530	1,603	1,649	1,695	1,752	1,814
Arkansas .....	1,422	1,461	1,500	1,533	1,568	1,614	1,627	1,660	1,688
California .....	14,811	15,176	15,453	15,769	16,103	16,482	16,881	17,273	17,707
Colorado .....	1,608	1,687	1,775	1,856	1,903	1,950	1,998	2,055	2,115
Connecticut .....	2,238	2,285	2,319	2,344	2,380	2,416	2,446	2,475	2,507
Delaware .....	394	409	420	427	434	442	449	453	459
District of Columbia .....	581	577	575	570	564	560	553	545	539
Florida .....	5,166	5,447	5,729	6,046	6,359	6,543	6,676	6,832	7,020
Georgia .....	3,312	3,399	3,473	3,555	3,629	3,688	3,753	3,827	3,889
Hawaii .....	555	578	601	623	638	654	670	683	695
Idaho .....	513	533	554	569	590	609	628	647	665
Illinois .....	8,162	8,269	8,364	8,422	8,491	8,572	8,663	8,741	8,798
Indiana .....	3,769	3,837	3,901	3,955	4,002	4,033	4,077	4,127	4,183
Iowa .....	2,076	2,114	2,141	2,163	2,188	2,218	2,255	2,279	2,297
Kansas .....	1,678	1,695	1,720	1,743	1,762	1,787	1,818	1,846	1,870
Kentucky .....	2,363	2,426	2,457	2,495	2,540	2,586	2,641	2,680	2,710
Louisiana .....	2,567	2,632	2,684	2,721	2,765	2,832	2,893	2,953	3,005
Maine .....	727	747	765	779	793	809	826	843	854
Maryland .....	2,842	2,939	3,009	3,061	3,110	3,160	3,205	3,250	3,290
Massachusetts .....	4,229	4,307	4,369	4,435	4,475	4,514	4,554	4,599	4,645
Michigan .....	6,359	6,498	6,606	6,708	6,802	6,870	6,942	7,029	7,116
Minnesota .....	2,735	2,804	2,850	2,901	2,949	3,007	3,066	3,116	3,162
Mississippi .....	1,568	1,608	1,644	1,681	1,707	1,727	1,754	1,778	1,800
Missouri .....	3,479	3,541	3,588	3,633	3,675	3,712	3,764	3,805	3,846
Montana .....	502	520	531	543	555	569	581	594	607
Nebraska .....	1,093	1,119	1,140	1,159	1,178	1,192	1,209	1,222	1,236
Nevada .....	354	375	395	410	430	447	467	490	519
New Hampshire .....	537	558	575	593	609	622	639	662	683
New Jersey .....	5,313	5,438	5,524	5,569	5,618	5,673	5,725	5,769	5,823
New Mexico .....	701	735	760	787	812	841	869	895	915
New York .....	13,696	13,874	13,975	13,971	13,996	14,084	14,155	14,165	14,165
North Carolina .....	3,734	3,828	3,913	3,994	4,071	4,146	4,208	4,281	4,350
North Dakota .....	446	459	468	475	481	490	499	506	510
Ohio .....	7,764	7,895	7,978	8,065	8,135	8,208	8,259	8,330	8,399
Oklahoma .....	1,921	1,971	2,007	2,043	2,080	2,116	2,164	2,200	2,237
Oregon .....	1,564	1,617	1,660	1,702	1,743	1,785	1,828	1,885	1,941
Pennsylvania .....	8,846	8,983	9,070	9,130	9,185	9,280	9,337	9,391	9,432
Rhode Island .....	716	728	741	746	727	726	734	742	747
South Carolina .....	1,859	1,916	1,960	2,003	2,059	2,106	2,141	2,179	2,220
South Dakota .....	484	494	504	510	516	521	530	535	538
Tennessee .....	2,906	2,979	3,046	3,097	3,158	3,215	3,280	3,347	3,398
Texas .....	8,100	8,348	8,560	8,781	8,997	9,249	9,527	9,760	9,995
Utah .....	731	762	788	814	835	858	882	907	932
Vermont .....	322	331	339	345	351	359	366	373	380
Virginia .....	3,418	3,512	3,588	3,673	3,754	3,842	3,928	4,012	4,099
Washington .....	2,520	2,561	2,573	2,614	2,685	2,757	2,827	2,901	2,997
West Virginia .....	1,306	1,329	1,353	1,363	1,373	1,394	1,424	1,445	1,456
Wisconsin .....	3,192	3,264	3,335	3,394	3,453	3,523	3,578	3,640	3,690
Wyoming .....	241	249	256	263	273	286	299	311	326
Northeast Region .....	36,624	37,251	37,677	37,912	38,134	38,483	38,782	39,019	39,236
Midwest Region .....	41,237	41,989	42,595	43,128	43,632	44,133	44,660	45,176	45,645
South Region .....	45,958	47,330	48,510	49,678	50,853	51,957	53,016	54,039	55,039
West Region .....	25,577	26,369	27,013	27,711	28,412	29,156	29,915	30,688	31,532
United States .....	149,396	152,939	155,795	158,429	161,031	163,729	166,373	168,922	171,452

NOTE: Population in 1,000s.

**Table A-1.** Population age 14 years and older for States, census regions, and United States, 1970–94. (Continued)

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama .....	2,932	3,021	3,052	3,080	3,106	3,143	3,172	3,204	3,234
Alaska .....	295	300	307	326	356	369	384	394	386
Arizona .....	1,878	2,118	2,180	2,231	2,312	2,385	2,504	2,575	2,662
Arkansas .....	1,706	1,783	1,793	1,793	1,826	1,847	1,864	1,878	1,893
California .....	18,084	18,882	19,314	19,720	20,089	20,448	21,039	21,416	21,875
Colorado .....	2,174	2,278	2,343	2,404	2,479	2,511	2,561	2,592	2,609
Connecticut .....	2,528	2,515	2,555	2,582	2,582	2,606	2,619	2,630	2,641
Delaware .....	460	473	478	483	489	496	503	511	520
District of Columbia .....	530	534	528	528	521	521	524	518	515
Florida .....	7,219	8,008	8,389	8,587	8,816	9,068	9,432	9,686	9,944
Georgia .....	3,945	4,230	4,331	4,397	4,490	4,591	4,714	4,797	4,898
Hawaii .....	708	755	767	777	800	813	825	839	856
Idaho .....	681	704	714	718	735	744	748	756	756
Illinois .....	8,832	9,000	9,049	9,051	9,096	9,136	9,160	9,204	9,237
Indiana .....	4,216	4,277	4,275	4,289	4,309	4,339	4,353	4,382	4,412
Iowa .....	2,304	2,297	2,290	2,296	2,299	2,308	2,291	2,276	2,268
Kansas .....	1,892	1,874	1,888	1,904	1,917	1,925	1,929	1,953	1,962
Kentucky .....	2,750	2,850	2,858	2,870	2,915	2,932	2,945	2,960	2,969
Louisiana .....	3,051	3,202	3,286	3,330	3,387	3,410	3,425	3,454	3,426
Maine .....	864	887	899	902	914	925	935	944	957
Maryland .....	3,319	3,371	3,430	3,446	3,493	3,541	3,574	3,624	3,675
Massachusetts .....	4,683	4,662	4,724	4,749	4,756	4,796	4,816	4,835	4,845
Michigan .....	7,180	7,209	7,205	7,158	7,158	7,195	7,227	7,281	7,336
Minnesota .....	3,209	3,210	3,253	3,263	3,276	3,297	3,319	3,357	3,379
Mississippi .....	1,821	1,906	1,919	1,936	1,969	1,984	2,006	2,010	2,016
Missouri .....	3,880	3,905	3,930	3,940	3,961	3,997	4,011	4,060	4,094
Montana .....	614	612	616	622	634	640	643	638	632
Nebraska .....	1,244	1,233	1,238	1,243	1,252	1,260	1,256	1,264	1,263
Nevada .....	550	639	677	706	715	731	766	778	809
New Hampshire .....	702	639	745	761	770	788	808	831	855
New Jersey .....	5,878	5,915	5,983	6,033	6,080	6,139	6,185	6,260	6,291
New Mexico .....	939	986	1,008	1,032	1,062	1,083	1,099	1,132	1,148
New York .....	14,178	14,130	14,234	14,316	14,370	14,460	14,511	14,487	14,489
North Carolina .....	4,400	4,640	4,727	4,797	4,870	4,959	5,064	5,114	5,187
North Dakota .....	515	508	512	520	527	531	529	529	523
Ohio .....	8,439	8,485	8,497	8,526	8,520	8,556	8,568	8,585	8,619
Oklahoma .....	2,281	2,378	2,433	2,489	2,575	2,574	2,579	2,605	2,574
Oregon .....	2,004	2,084	2,098	2,096	2,110	2,124	2,140	2,170	2,191
Pennsylvania .....	9,460	9,578	9,623	9,641	9,691	9,723	9,706	9,748	9,777
Rhode Island .....	751	771	780	787	787	795	801	805	812
South Carolina .....	2,254	2,417	2,464	2,497	2,554	2,592	2,645	2,668	2,707
South Dakota .....	538	536	531	534	540	543	545	552	554
Tennessee .....	3,457	3,622	3,651	3,693	3,733	3,771	3,832	3,858	3,909
Texas .....	10,284	10,946	11,357	11,742	12,077	12,291	12,625	12,832	12,875
Utah .....	962	1,023	1,055	1,073	1,113	1,135	1,138	1,156	1,164
Vermont .....	387	404	409	410	419	424	430	435	441
Virginia .....	4,145	4,257	4,347	4,409	4,473	4,559	4,617	4,706	4,790
Washington .....	3,116	3,271	3,342	3,363	3,411	3,452	3,502	3,571	3,626
West Virginia .....	1,473	1,526	1,531	1,532	1,551	1,547	1,546	1,539	1,530
Wisconsin .....	3,746	3,704	3,747	3,774	3,772	3,793	3,798	3,810	3,825
Wyoming .....	345	357	371	377	385	382	381	384	371
Northeast Region .....	39,431	39,501	39,952	40,181	40,369	40,656	40,812	40,975	41,108
Midwest Region .....	45,995	46,238	46,415	46,498	46,627	46,880	46,984	47,253	47,472
South Region .....	56,027	59,164	60,574	61,609	62,845	63,826	65,067	65,964	66,662
West Region .....	32,350	34,009	34,792	35,445	36,201	36,817	37,730	38,401	39,085
United States .....	173,803	178,912	181,733	183,733	186,042	188,179	190,593	192,593	194,325

NOTE: Population in 1,000s.

**Table A-1.** Population age 14 years and older for States, census regions, and United States, 1970–94. (Continued)

Geographic area	Year						
	1988	1989	1990	1991	1992	1993	1994
Alabama .....	3,252	3,264	3,217	3,270	3,306	3,352	3,388
Alaska .....	386	390	407	419	436	445	452
Arizona .....	2,722	2,768	2,876	2,919	2,992	3,063	3,166
Arkansas .....	1,895	1,903	1,867	1,888	1,908	1,934	1,961
California .....	22,300	22,809	23,486	23,767	24,048	24,267	24,393
Colorado .....	2,610	2,623	2,601	2,652	2,737	2,811	2,890
Connecticut .....	2,648	2,644	2,690	2,682	2,664	2,653	2,646
Delaware .....	530	539	534	545	553	560	568
District of Columbia .....	502	490	513	501	491	483	473
Florida .....	10,159	10,403	10,654	10,865	11,001	11,177	11,355
Georgia .....	4,973	5,038	5,114	5,226	5,348	5,439	5,569
Hawaii .....	867	880	883	903	920	926	936
Idaho .....	763	774	762	792	815	846	875
Illinois .....	9,269	9,307	9,088	9,156	9,207	9,264	9,320
Indiana .....	4,437	4,462	4,402	4,473	4,515	4,567	4,614
Iowa .....	2,276	2,283	2,208	2,222	2,230	2,260	2,272
Kansas .....	1,978	1,985	1,945	1,956	1,977	1,996	2,015
Kentucky .....	2,976	2,982	2,943	2,982	3,011	3,053	3,088
Louisiana .....	3,380	3,367	3,243	3,277	3,306	3,329	3,359
Maine .....	973	986	984	993	997	1,001	1,004
Maryland .....	3,732	3,774	3,846	3,889	3,931	3,954	3,993
Massachusetts .....	4,862	4,863	4,938	4,904	4,887	4,889	4,902
Michigan .....	7,361	7,374	7,353	7,411	7,463	7,487	7,524
Minnesota .....	3,424	3,452	3,435	3,474	3,508	3,556	3,597
Mississippi .....	2,019	2,024	1,990	2,021	2,036	2,060	2,090
Missouri .....	4,119	4,133	4,073	4,104	4,126	4,166	4,204
Montana .....	631	633	623	632	647	660	674
Nebraska .....	1,270	1,275	1,237	1,248	1,255	1,270	1,280
Nevada .....	843	887	960	1,021	1,062	1,093	1,155
New Hampshire .....	872	887	886	882	891	894	905
New Jersey .....	6,313	6,307	6,306	6,310	6,339	6,343	6,373
New Mexico .....	1,152	1,165	1,158	1,181	1,210	1,233	1,263
New York .....	14,522	14,521	14,609	14,594	14,603	14,593	14,585
North Carolina .....	5,243	5,305	5,370	5,462	5,524	5,597	5,693
North Dakota .....	520	516	499	499	499	504	506
Ohio .....	8,684	8,710	8,639	8,726	8,798	8,837	8,882
Oklahoma .....	2,549	2,551	2,485	2,501	2,533	2,554	2,575
Oregon .....	2,229	2,269	2,266	2,326	2,369	2,429	2,480
Pennsylvania .....	9,815	9,830	9,676	9,722	9,755	9,767	9,786
Rhode Island .....	815	817	823	822	815	811	806
South Carolina .....	2,735	2,771	2,764	2,828	2,863	2,889	2,922
South Dakota .....	557	558	536	543	548	555	560
Tennessee .....	3,942	3,973	3,927	3,991	4,053	4,101	4,171
Texas .....	12,889	13,041	13,134	13,392	13,634	13,891	14,188
Utah .....	1,175	1,192	1,217	1,263	1,299	1,349	1,395
Vermont .....	448	456	449	455	457	461	466
Virginia .....	4,876	4,935	4,992	5,063	5,151	5,213	5,285
Washington .....	3,712	3,790	3,849	3,956	4,061	4,160	4,235
West Virginia .....	1,518	1,508	1,457	1,473	1,481	1,497	1,504
Wisconsin .....	3,854	3,876	3,865	3,908	3,946	3,999	4,038
Wyoming .....	366	365	346	351	357	365	372
Northeast Region .....	41,268	41,311	41,360	41,365	41,408	41,412	41,474
Midwest Region .....	47,749	47,932	47,279	47,722	48,071	48,459	48,811
South Region .....	67,170	67,866	68,052	69,173	70,129	71,084	72,180
West Region .....	39,756	40,544	41,434	42,183	42,952	43,647	44,286
United States .....	195,943	197,653	198,125	200,442	202,560	204,601	206,751

NOTE: Population in 1,000s.

**Table A-2.** Population age 21 years and older for States, census regions, and United States, 1970-94.

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama .....	2,020	2,061	2,097	2,135	2,178	2,226	2,279	2,326	2,376
Alaska .....	165	169	173	178	185	206	222	227	231
Arizona .....	1,031	1,101	1,168	1,238	1,297	1,337	1,379	1,431	1,492
Arkansas .....	1,169	1,201	1,235	1,264	1,293	1,333	1,347	1,378	1,406
California .....	12,247	12,516	12,731	12,988	13,281	13,612	13,967	14,334	14,755
Colorado .....	1,301	1,362	1,431	1,495	1,535	1,576	1,619	1,672	1,732
Connecticut .....	1,868	1,900	1,923	1,941	1,973	2,004	2,032	2,062	2,095
Delaware .....	322	332	339	345	351	358	364	370	376
District of Columbia .....	486	483	481	476	470	466	460	454	450
Florida .....	4,355	4,584	4,818	5,083	5,344	5,506	5,634	5,788	5,977
Georgia .....	2,684	2,752	2,811	2,878	2,942	2,996	3,058	3,130	3,194
Hawaii .....	450	466	481	497	510	524	538	551	564
Idaho .....	410	426	442	455	473	489	506	524	541
Illinois .....	6,755	6,817	6,886	6,928	6,981	7,046	7,130	7,211	7,283
Indiana .....	3,071	3,120	3,170	3,216	3,258	3,288	3,333	3,384	3,442
Iowa .....	1,699	1,729	1,752	1,774	1,794	1,819	1,851	1,875	1,896
Kansas .....	1,373	1,385	1,404	1,423	1,441	1,464	1,494	1,522	1,549
Kentucky .....	1,918	1,970	2,001	2,035	2,073	2,115	2,165	2,203	2,237
Louisiana .....	2,041	2,092	2,137	2,169	2,206	2,262	2,318	2,374	2,426
Maine .....	597	612	627	637	650	662	678	692	704
Maryland .....	2,342	2,408	2,456	2,494	2,534	2,578	2,620	2,666	2,710
Massachusetts .....	3,507	3,563	3,609	3,660	3,691	3,723	3,759	3,804	3,853
Michigan .....	5,146	5,239	5,318	5,403	5,485	5,552	5,629	5,724	5,826
Minnesota .....	2,219	2,268	2,303	2,345	2,386	2,435	2,487	2,535	2,584
Mississippi .....	1,242	1,274	1,307	1,339	1,360	1,380	1,407	1,432	1,457
Missouri .....	2,879	2,922	2,958	2,994	3,025	3,057	3,104	3,147	3,193
Montana .....	405	418	427	436	447	458	469	482	495
Nebraska .....	894	914	931	947	962	974	988	1,001	1,017
Nevada .....	297	312	326	338	353	367	383	402	427
New Hampshire .....	443	460	475	491	502	513	528	547	565
New Jersey .....	4,459	4,543	4,604	4,639	4,679	4,726	4,776	4,824	4,883
New Mexico .....	554	578	597	617	638	661	686	709	730
New York .....	11,509	11,633	11,704	11,692	11,708	11,776	11,843	11,866	11,891
North Carolina .....	3,003	3,087	3,165	3,241	3,313	3,385	3,448	3,523	3,597
North Dakota .....	356	365	373	379	384	391	400	407	413
Ohio .....	6,355	6,442	6,498	6,569	6,633	6,703	6,766	6,849	6,941
Oklahoma .....	1,584	1,623	1,653	1,683	1,715	1,748	1,791	1,826	1,865
Oregon .....	1,284	1,326	1,362	1,400	1,438	1,477	1,518	1,570	1,625
Pennsylvania .....	7,357	7,453	7,520	7,574	7,628	7,717	7,783	7,853	7,920
Rhode Island .....	592	603	613	617	603	610	618	624	
South Carolina .....	1,467	1,515	1,557	1,597	1,646	1,689	1,725	1,765	1,807
South Dakota .....	387	394	402	408	413	419	427	433	437
Tennessee .....	2,378	2,442	2,502	2,550	2,601	2,654	2,714	2,778	2,828
Texas .....	6,567	6,757	6,927	7,108	7,295	7,515	7,760	7,978	8,209
Utah .....	570	591	610	630	650	670	692	716	742
Vermont .....	261	268	275	280	285	292	298	305	311
Virginia .....	2,790	2,856	2,913	2,979	3,047	3,124	3,203	3,283	3,370
Washington .....	2,057	2,089	2,101	2,137	2,198	2,259	2,322	2,392	2,483
West Virginia .....	1,069	1,091	1,115	1,127	1,138	1,160	1,188	1,210	1,224
Wisconsin .....	2,592	2,646	2,702	2,752	2,801	2,857	2,907	2,965	3,019
Wyoming .....	195	200	206	212	220	231	242	253	267
Northeast Region .....	30,593	31,035	31,350	31,531	31,719	32,016	32,307	32,571	32,846
Midwest Region .....	33,726	34,241	34,697	35,138	35,563	36,005	36,516	37,053	37,600
South Region .....	37,437	38,528	39,514	40,503	41,506	42,495	43,481	44,484	45,509
West Region .....	20,966	21,554	22,055	22,621	23,225	23,867	24,543	25,263	26,084
United States .....	122,722	125,358	127,616	129,793	132,013	134,383	136,847	139,371	142,039

NOTE: Population in 1,000s.

**Table A-2.** Population age 21 years and older for States, census regions, and United States, 1970–94. (Continued)

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama .....	2,428	2,500	2,552	2,598	2,637	2,677	2,702	2,741	2,775
Alaska .....	236	247	254	270	296	309	324	333	328
Arizona .....	1,556	1,766	1,840	1,902	1,983	2,053	2,160	2,230	2,313
Arkansas .....	1,426	1,489	1,512	1,525	1,561	1,585	1,598	1,616	1,631
California .....	15,146	15,916	16,426	16,897	17,307	17,698	18,315	18,698	19,149
Colorado .....	1,793	1,905	1,977	2,045	2,120	2,159	2,217	2,253	2,273
Connecticut .....	2,122	2,117	2,162	2,200	2,210	2,243	2,260	2,284	2,309
Delaware .....	380	391	399	406	414	423	433	442	453
District of Columbia .....	443	453	452	455	451	453	467	461	458
Florida .....	6,180	6,887	7,267	7,493	7,732	7,982	8,332	8,573	8,833
Georgia .....	3,256	3,495	3,603	3,684	3,782	3,884	4,006	4,083	4,183
Hawaii .....	578	631	645	659	681	697	710	726	744
Idaho .....	558	583	597	606	623	632	635	646	647
Illinois .....	7,346	7,525	7,630	7,692	7,778	7,844	7,886	7,967	8,030
Indiana .....	3,486	3,545	3,578	3,619	3,657	3,698	3,723	3,765	3,802
Iowa .....	1,912	1,914	1,931	1,956	1,972	1,987	1,975	1,977	1,978
Kansas .....	1,578	1,571	1,600	1,628	1,648	1,663	1,673	1,705	1,717
Kentucky .....	2,280	2,360	2,391	2,422	2,475	2,501	2,514	2,534	2,551
Louisiana .....	2,476	2,610	2,708	2,770	2,836	2,867	2,891	2,936	2,919
Maine .....	715	739	754	762	776	789	802	813	828
Maryland .....	2,749	2,810	2,877	2,909	2,966	3,025	3,067	3,130	3,195
Massachusetts .....	3,900	3,900	3,981	4,030	4,060	4,111	4,164	4,208	4,241
Michigan .....	5,916	5,963	6,012	6,019	6,053	6,109	6,147	6,227	6,303
Minnesota .....	2,638	2,658	2,707	2,757	2,788	2,822	2,854	2,910	2,945
Mississippi .....	1,483	1,550	1,578	1,609	1,648	1,666	1,684	1,690	1,702
Missouri .....	3,238	3,271	3,320	3,355	3,393	3,439	3,467	3,530	3,572
Montana .....	504	510	520	530	544	551	554	553	550
Nebraska .....	1,029	1,030	1,044	1,059	1,072	1,083	1,084	1,099	1,100
Nevada .....	455	541	577	606	617	633	674	683	714
New Hampshire .....	583	541	627	645	657	674	695	716	740
New Jersey .....	4,948	4,991	5,079	5,156	5,227	5,300	5,329	5,434	5,493
New Mexico .....	755	805	832	859	890	913	929	964	980
New York .....	11,935	11,918	12,075	12,215	12,320	12,439	12,540	12,590	12,662
North Carolina .....	3,658	3,851	3,964	4,058	4,141	4,236	4,344	4,391	4,468
North Dakota .....	420	419	429	441	450	456	454	458	454
Ohio .....	7,015	7,090	7,159	7,232	7,264	7,322	7,356	7,427	7,487
Oklahoma .....	1,910	1,993	2,059	2,123	2,206	2,215	2,223	2,253	2,231
Oregon .....	1,688	1,771	1,799	1,809	1,828	1,846	1,863	1,900	1,924
Pennsylvania .....	7,980	8,079	8,188	8,265	8,352	8,409	8,409	8,488	8,557
Rhode Island .....	630	645	660	672	677	686	694	700	711
South Carolina .....	1,846	1,977	2,039	2,089	2,151	2,195	2,248	2,273	2,315
South Dakota .....	440	442	444	451	459	464	469	478	482
Tennessee .....	2,890	3,026	3,081	3,142	3,194	3,235	3,298	3,327	3,382
Texas .....	8,492	9,069	9,499	9,896	10,230	10,451	10,780	10,973	11,028
Utah .....	772	832	862	883	920	939	952	966	971
Vermont .....	318	333	342	345	354	360	368	373	380
Virginia .....	3,428	3,552	3,652	3,732	3,807	3,902	3,967	4,069	4,166
Washington .....	2,596	2,758	2,844	2,883	2,936	2,983	3,031	3,109	3,173
West Virginia .....	1,244	1,284	1,302	1,312	1,334	1,333	1,327	1,324	1,320
Wisconsin .....	3,080	3,060	3,127	3,180	3,201	3,236	3,253	3,286	3,318
Wyoming .....	284	297	313	321	330	329	327	331	321
Northeast Region .....	33,131	33,263	33,868	34,290	34,633	35,011	35,262	35,606	35,921
Midwest Region .....	38,098	38,488	38,981	39,389	39,735	40,123	40,342	39,498	39,857
South Region .....	46,569	49,297	50,935	52,223	53,565	54,630	55,881	56,816	57,610
West Region .....	26,921	28,562	29,486	30,270	31,075	31,742	32,691	34,723	35,418
United States .....	144,719	149,610	153,270	156,172	159,008	161,506	164,177	166,647	168,805

NOTE: Population in 1,000s.

**Table A-2.** Population age 21 years and older for States, census regions, and United States, 1970–94. (Continued)

Geographic area	Year						
	1988	1989	1990	1991	1992	1993	1994
Alabama .....	2,795	2,757	2,793	2,831	2,877	2,922	2,955
Alaska .....	332	350	352	363	376	382	386
Arizona .....	2,369	2,477	2,502	2,553	2,620	2,688	2,769
Arkansas .....	1,636	1,612	1,623	1,638	1,655	1,681	1,702
California .....	19,592	20,199	20,533	20,877	21,259	21,443	21,508
Colorado .....	2,283	2,259	2,275	2,332	2,401	2,481	2,552
Connecticut .....	2,330	2,381	2,392	2,395	2,387	2,381	2,371
Delaware .....	464	463	470	481	490	499	505
District of Columbia .....	451	464	457	450	448	444	434
Florida .....	9,050	9,312	9,511	9,740	9,904	10,028	10,182
Georgia .....	4,259	4,360	4,435	4,538	4,651	4,749	4,868
Hawaii .....	757	765	784	798	811	817	824
Idaho .....	652	641	651	673	693	716	738
Illinois .....	8,091	7,906	7,976	8,029	8,101	8,161	8,196
Indiana .....	3,836	3,788	3,837	3,888	3,945	3,996	4,030
Iowa .....	1,994	1,921	1,929	1,944	1,968	1,980	1,988
Kansas .....	1,733	1,697	1,705	1,714	1,734	1,746	1,757
Kentucky .....	2,568	2,536	2,563	2,587	2,621	2,658	2,686
Louisiana .....	2,902	2,785	2,797	2,813	2,844	2,863	2,882
Maine .....	846	854	867	873	877	882	885
Maryland .....	3,264	3,361	3,411	3,459	3,499	3,526	3,562
Massachusetts .....	4,283	4,351	4,365	4,364	4,384	4,400	4,413
Michigan .....	6,347	6,345	6,402	6,457	6,520	6,552	6,585
Minnesota .....	2,996	2,990	3,018	3,055	3,087	3,124	3,155
Mississippi .....	1,709	3,548	1,701	1,716	1,734	1,759	1,783
Missouri .....	3,604	1,679	3,576	3,602	3,633	3,664	3,696
Montana .....	550	542	543	550	559	572	584
Nebraska .....	1,109	1,075	1,080	1,088	1,100	1,107	1,114
Nevada .....	748	810	854	911	946	979	1,033
New Hampshire .....	759	775	782	781	788	795	804
New Jersey .....	5,542	5,578	5,602	5,614	5,638	5,659	5,675
New Mexico .....	990	986	999	1,018	1,041	1,061	1,090
New York .....	12,749	12,835	12,889	12,915	12,960	12,991	12,958
North Carolina .....	4,535	4,612	4,681	4,779	4,853	4,939	5,016
North Dakota .....	454	436	435	434	436	438	440
Ohio .....	7,543	7,499	7,571	7,637	7,708	7,766	7,799
Oklahoma .....	2,215	2,154	2,157	2,175	2,206	2,225	2,243
Oregon .....	1,964	1,960	1,997	2,051	2,093	2,143	2,179
Pennsylvania .....	8,621	8,498	8,546	8,608	8,658	8,698	8,715
Rhode Island .....	717	719	725	728	730	727	722
South Carolina .....	2,345	2,349	2,393	2,446	2,489	2,524	2,539
South Dakota .....	485	466	466	470	474	479	485
Tennessee .....	3,419	3,395	3,432	3,489	3,548	3,603	3,666
Texas .....	11,073	11,172	11,307	11,550	11,793	12,049	12,297
Utah .....	977	993	1,011	1,036	1,068	1,100	1,132
Vermont .....	389	386	393	398	404	409	412
Virginia .....	4,249	4,311	4,388	4,456	4,546	4,622	4,685
Washington .....	3,255	3,306	3,390	3,489	3,583	3,668	3,728
West Virginia .....	1,311	1,265	1,267	1,277	1,290	1,303	1,313
Wisconsin .....	3,362	3,347	3,375	3,420	3,464	3,505	3,532
Wyoming .....	317	300	297	301	306	311	317
Northeast Region .....	36,326	36,377	36,561	36,676	36,826	36,943	36,956
Midwest Region .....	41,555	39,148	41,371	41,737	42,170	42,521	42,776
South Region .....	58,247	60,454	59,385	60,425	61,447	62,396	63,319
West Region .....	34,787	35,588	36,189	36,952	37,756	38,360	38,840
United States .....	170,825	171,567	173,507	175,791	178,199	180,219	181,891

NOTE: Population in 1,000s.



## APPENDIX B

### SOURCES AND LIMITATIONS OF DATA

#### Introduction

The data presented in this manual were derived from a number of sources. Each source—whether a State alcohol beverage control office measuring taxable, alcoholic beverages sold within their jurisdiction, or beverage industry reports of beverage shipments—computes the data reported in this and similar publications using assumptions and procedures that may be unique. Thus, differences in calculation procedures at the source level may create some inaccuracies both in magnitude of alcohol consumption for a given State and in a comparison with apparent consumption of other States.

Factors that result in potential errors and underestimates of total alcohol consumption are discussed below.

#### State Reporting Practices

The data presented in these pages are based on beverage industry reports and State reports of sales, whether in terms of consumption (in various units of measure) or tax receipts (in dollars). Since the Alcohol Epidemiologic Data System (AEDS) was not in existence until the late 1970s, any previous data reported in this manual are based solely on beverage industry reports of shipments, removals from warehouses, etc., and not necessarily on State sales reports.

In reviewing various State reports, there have been noted differences among States in terms of their recordkeeping and reporting systems. Despite efforts by AEDS to obtain routine reports from each State for beer, wine, and spirits, not all States have the resources to provide AEDS with such reports. In some cases reports for only one or two beverage types are provided. Calculations appearing in this manual are taken from State reports unless a problem of possible consistency is discovered. In those few cases where possible inconsistency may be present, data were taken from beverage industry shipments for those States and those years.

The levels of sales measurement may vary from State to State. In some States, beverage volumes are reported by wholesalers or producers. This can introduce temporal and geographic errors in comparisons of States due to time delays in distribution of beverages versus sales to the end user. Similarly, State taxation rates and methods of collection vary widely, so volumetric estimates based on revenue collection may not remain constant among States.

Military sales of beverages varies widely among States. It should be noted that various States provide a reduced tax liability for beverages earmarked for military sales, while others limit such sales to State wholesalers or suppliers. It is because many States do not report military sales in the routine monthly reports or separate them out in beverage industry reports, that military sales are not totally represented in the data reported in this manual.

## Medications and Foods Containing Alcohol

Petroni and Cardoni (1979) indicate that many categories of medication, including prescription and over-the-counter vitamins, tranquilizers, antacids, antihistamines, and cough preparations, include alcohol. Ethanol also is commonly used in the food industry. Although ethanol plays a wide role in the production of foodstuffs, its properties and functions in food production are not fully understood (Barbanti, Galassi, and Potentini, 1995).

## Illicit Production, Importation, and Sales

Contraband gallonage of alcohol produced or imported and consumed in the United States is not included in per capita consumption estimates. It has been speculated in the literature that there is no discernible trend in illicit production, importation, and sales (Single and Giesbrecht, 1979), but it is not known whether the production or sale of illicit or otherwise unreported alcohol is of negligible import.

## Legal Home Production

Legal home production of wine and beer is another potentially significant source of unrecorded alcohol consumption (Single and Giesbrecht, 1979). Cider is thought to be another source of unregistered alcohol consumption in some parts of the United States. Further, over time the fairly recent sales promotions of home beer brewing kits may influence the amount of beer consumed and its ethanol content.

## Sales, Taxes, and Transportation of Beverages Across State Lines

Estimated per capita consumption based on sales within a specific geographic area can be influenced by the effects of purchases made across State lines where prices are more favorable (Mooney, 1977). Actual per capita consumption may be deflated within an area because of importation of large amounts of beverages, or inflated because of actual consumption outside of the area of purchase. For example, apparent consumption in New Hampshire and the District of Columbia may be excessively high due to purchases made by residents of neighboring States because of tax differentials and tourism (also discussed in this section of the manual). Federal tax is paid at the brewery on all beer withdrawn for sale. Because some of this beer is shipped to other States by the brewer, there is no close relationship between tax-paid withdrawals and shipments in a given State (Beer Institute, 1994). There is no known satisfactory method for determining the size of these errors.

## Consumption Not Included in State Reports

Other than the areas mentioned above, there is probably some consumption by persons employed in the alcohol industry. Other unreported alcohol intake probably occurs in areas such as skid rows, where the consumption of non-beverage alcohol may be high and certainly is unrecorded.

## Time-Delay Factors Between State Taxation Records and Actual Consumption

Estimates of actual consumption may be distorted due to storage or stockpiling of alcoholic beverages on a wholesale, retail, or consumer level, which may result in a time lag before actual consumption (deLint, 1977). State regulations vary as to where alcoholic beverages, such as wine, can be sold for off-premise consumption (Jobson, 1994). In recent years, a number of microbreweries and brewpubs have emerged. Brewpubs, which began to appear in 1982, also brew for both on- and off-premise markets (Brewers Association of Canada, 1993). In addition, use of alcohol tax data may be inaccurate because there is no certainty that all the alcohol on which taxes are levied in a given time period are consumed in that period (Kling, 1989, 1991).

### Inaccuracies in Calculating Ethanol from Beverage Volumes

The differences in proof within alcohol beverage categories (i.e., beer, wine, and spirits) can vary over time and by geography (due to laws or, perhaps, beverage preferences). Such differences can confound temporal and geographic comparisons.

The average proofs or conversion factors used in this manual for each of the three beverage types are national estimates. These estimates may not accurately reflect the actual proofs for each type of beverage among each of the States (Research Triangle Institute, 1978). For example, proofs used in computing the conversion factors do not fully take into account lower proof table wines or low-calorie or *light* or non-alcoholic beers. Kling (1989) reports decreases between 1974 and 1986 in the ethanol content of spirits. However, such decreases may be offset by the increase in sales of higher ethanol content drinks such as premium brand liquors, fortified wines, malt liquors, and locally produced beer and ales. Any net decrease in ethanol content, therefore, may be minimal and not large enough to alter the fundamental trends in per capita consumption (Williams, Stinson, Lane, Tunson, and Dufour, 1996). While specific conversion factors are suggested for specific geographical settings (e.g., Single and Giesbrecht, 1979) few such analyses have been conducted.

### Inaccuracies in Using Population Figures in Calculating Per Capita Consumption

The accuracy of population data, particularly for intercensal years, is a concern. Intercensal estimates often are of decreasing accuracy as the period of time from the last full census increases. Any inaccuracies in population estimates would affect the accuracy of the per capita alcohol consumption estimates.

AEDS uses a drinking population of 14 years and older to calculate per capita consumption rates. Although age 14 is below the minimum legal age for the purchase of alcoholic beverages in the United States, most self-report surveys indicate that many 14-year-olds drink alcoholic beverages. National Health Interview Survey (NHIS) data indicate that approximately 6 to 7 percent of adults ages 18 and over started drinking before the age of 15 (AEDS, 1990).

## Tourism, Commuting Factors, Migration, Abstainers, and Underreporting

The effects of tourists, migrants, or transients on the population of an area or the consumption components of any per capita estimates may be significant. For example, there are undoubtedly a large number of such persons in these categories in California, Nevada, New York, and the District of Columbia and, to an unknown extent, they may alter the per capita consumption figures for those areas by inflating the volume of alcohol consumed.

Several formulae have been proposed for correcting for tourism and migration, and one study has quantitatively measured the role of tourism in alcohol consumption (Watts and Rabow, 1981). Data needed include the number of visitors to an area, the mean duration of their stay, the number of residents of an area leaving the area, and data on consumption by visitors versus consumption by area residents traveling outside the area. However, such corrections may be unstable over time, and the measures themselves often are not measured directly, but rather are estimated from economic indices.

A large percentage of abstainers in a State's population can significantly influence per capita consumption. The percentage of abstainers varies from State to State. When reasonable estimates are available for abstainers, they can be subtracted from the denominator, thereby providing an estimate of average consumption among the drinking population (Williams, Stinson, Stewart, and Dufour, 1995). Estimates of consumption may be underreported. Duffy and Waterton (1984), in a study of consumption surveys, concluded that deliberate underreporting is a major factor operating to reduce coverage in alcohol consumption surveys, sometimes by at least 25 percent.

## REFERENCES

Alcohol Epidemiologic Data System. Unpublished data from the Alcohol Questionnaire of the 1988 National Health Interview Survey. NIAAA, 1990.

Barbanti, D., Galassi, S., and Potentini, G. Ethanol and food preservation. *Alcologia*, 7(3):221–224, 1995.

Beer Institute. *Brewers Almanac, 1994*. Washington, D.C.: Beer Institute, 1994.

Brewers Association of Canada. *International Survey: Alcoholic Beverage Taxation and Control Policies, Eighth Edition, 1993*. Ottawa, Ontario, Canada, 1993.

deLint, J. The frequency distribution of alcohol consumption: an overview. In: Davies, D.J., ed. *The Ledermann Curve*. London: Alcohol Education Centre, 1977.

Doernberg, D. and Stinson, F. *U.S. Alcohol Epidemiologic Data Reference Manual Volume I: U.S. Apparent Consumption of Alcoholic Beverages Based on State Sales, Taxation, or Receipt Data*. Washington: Supt. of Docs., U.S. Govt. Print. Off., 1985 (Note: NTIS Document Number PB86-147576/AS.)

Duffy, J.C. and Waterton, J.J. Under-reporting of alcohol consumption in sample surveys. The effect of computer interviewing in fieldwork. *British Journal of Addiction*, 79(3):303–308, 1984.

Jobson Publishing Corporation. *Jobson's Wine Handbook, 1994*. New York: Jobson, 1994.

Kling, W. Measurement of ethanol consumed in distilled spirits. *Journal of Studies on Alcohol*, 50(5):456–460, 1989.

Kling, W. Measurement of ethanol consumed in distilled spirits: Revision. *Journal of Studies on Alcohol*, 52(5):503–504, 1991.

Mooney, A. *Estimation of the Prevalence of Alcohol Abuse in Pennsylvania Counties*. Newark, DE: University of Delaware College of Urban Affairs and Public Policy, 1977.

Petroni, N. and Cardoni, A. Alcohol content of liquid medicinals. *Clinical Toxicology*, 14(4):407–432, 1979.

Research Triangle Institute. *Estimation of the Per Capita Consumption of Alcoholic Beverages at the County Level*. Research Triangle Park, N.C.: Research Triangle Institute, 1978.

Single, E. and Giesbrecht, N. The 16 percent solution and other mysteries concerning the accuracy of alcohol consumption estimates based on sales data. *British Journal of Addiction* 74:165–173, 1979.

Watts, R.K. and Rabow, J. The role of tourism in measures of alcohol consumption, alcohol availability and alcoholism. *Journal of Studies on Alcohol*, 42:797–801, 1981.

Williams, G.D., Stinson, F.S., Lane, J.D., Tunson, S.L., and Dufour, M.C. *Surveillance Report #39: Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends, 1977–94*. Rockville, MD: NIAAA, Division of Biometry and Epidemiology, Alcohol Epidemiologic Data System, December 1996.

Williams, G.D., Stinson, F.S., Stewart, S.L., and Dufour, M.C. *Surveillance Report #35: Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends 1977–93*. Rockville, MD: NIAAA, Division of Biometry and Epidemiology, Alcohol Epidemiologic Data System, December 1995.